

**Specification Details:**

Specification: MIL-PRF-19500  
Title: Semiconductor Devices  
Federal Supply Class (FSC): 5961  
Conventional: No  
Specification contains quality assurance program: Yes  
MIL-STD-790 Established Reliability & High Reliability: No  
MIL-STD-690 Failure Rate Sampling Plans & Procedures: No  
Weibull Graded: No  
Specification contains space level reliability requirements: Yes  
Specification allows test optimization: No

**Contact Information:**

Office of Primary Involvement: Electronic Devices Branch, DLA Land and Maritime - VQE  
Primary Qualifying Activity Contact: 614-692-0611, e-mail: vqe.zk@dla.mil  
Secondary Qualifying Activity Contact: 614-692-7527, e-mail: vqe.rm@dla.mil

**Notes:**

This listing of discrete semiconductors applies only to products produced on the MIL-PRF-19500 certified/approved line(s) at the plant(s) listed at the back of the QML for the applicable manufacturer. The number in parenthesis next to some manufacturers' listings correlates to the plant(s) listed for the manufacturer. Therefore, only those products that have been fabricated, assembled, and tested on the certified/qualified lines herein can be supplied as qualified products.

The parts listing indicates the certification/approval status for each manufacturer. This can be found in the "Certification Status" column which accompanies each part listing. There are four possible certification/approval options. The following list identifies each certification/approval option and the abbreviation used in this listing:

C - Certification to the Quality Management Program outlined in Appendix C  
TC - Transitional Certification to the Quality Management Program outlined in Appendix C  
D - Certification to the Quality Program of Appendix D  
DMS - Approval to the Diminishing Manufacturing Sources (DMS) provisions in MIL-PRF-19500

In addition to the options for certification there are two levels of certification; JAN, JANTX, JANTXV certification and JANS certification. The transitional certification to Appendix C option is for manufacturers in the process of making the transition from their previously certified Appendix D certification to an Appendix C certification. Manufacturers not able to comply with the certification requirements of either appendix C or D may be granted a DMS approval. DMS approvals are intended to provide a qualified source of supply for difficult procurement situations. Please refer to the latest revision of MIL-PRF-19500 for details.

MIL-PRF-19500 Appendix C contains provisions for test optimization for all listed processes and products for all device classes. Under these provisions traditional screens and Conformance Inspections (CI) can be optimized if found to be non-value added through the manufacturers up front controls and monitors in the wafer fabrication, assembly, and test areas as well as by design. Optimization of these screens and inspections in no way adversely affects the devices' military form, fit, and function. Regardless of screening or CI testing optimization, the manufacturer is still responsible for supplying products capable of passing any screening or CI tests prescribed in MIL-PRF-19500 and in the performance specification sheet.

1. The Government designation includes the JAN prefix:

\* - Includes JAN and JANTX quality levels  
\*\* - Includes JAN, JANTX and JANTXV quality levels  
S - Includes JANS quality level only  
V - Includes JANTXV quality level only  
+ - Includes JANTX quality level only  
++ - Includes JANTX and JANTXV quality levels only  
JANHNC - Includes JANHC quality level only  
JANKC - Includes JANKC quality level only

2. Radiation Hardness Assurance (RHA) levels:

M - Total ionizing dose  $3 \times 10^3$  (RAD(Si)) Neutron fluence  $2 \times 10^{12}$  (N/cm<sup>2</sup>) (Unless otherwise specified)  
D - Total ionizing dose  $1 \times 10^4$  (RAD(Si)) Neutron fluence  $2 \times 10^{12}$  (N/cm<sup>2</sup>) (Unless otherwise specified)  
P - Total ionizing dose  $3 \times 10^4$  (RAD(Si)) Neutron fluence  $2 \times 10^{12}$  (N/cm<sup>2</sup>) (Unless otherwise specified)  
L - Total ionizing dose  $5 \times 10^4$  (RAD(Si)) Neutron fluence  $2 \times 10^{12}$  (N/cm<sup>2</sup>) (Unless otherwise specified)  
R - Total ionizing dose  $1 \times 10^5$  (RAD(Si)) Neutron fluence  $2 \times 10^{12}$  (N/cm<sup>2</sup>) (Unless otherwise specified)  
F - Total ionizing dose  $3 \times 10^5$  (RAD(Si)) Neutron fluence  $2 \times 10^{12}$  (N/cm<sup>2</sup>) (Unless otherwise specified)  
G - Total ionizing dose  $5 \times 10^5$  (RAD(Si)) Neutron fluence  $2 \times 10^{12}$  (N/cm<sup>2</sup>) (Unless otherwise specified)  
H - Total ionizing dose  $1 \times 10^6$  (RAD(Si)) Neutron fluence  $2 \times 10^{12}$  (N/cm<sup>2</sup>) (Unless otherwise specified)

Note: Government type designation will include product assurance level "V" or "S" followed by RHA level. The RHA level listed is the maximum level achieved during qualification testing. Manufacturer may supply any RHA level less than or equal to that listed.)

3. Electrostatic Discharge (ESD) Sensitivity Classifications:

Class 0: Less than 250V  
Class 1A: 250V - 499V

Class 1B: 500V - 999V  
Class 1C: 1,000V - 1,999V  
Class 1: 0V - 1,999V  
Class 2: 2,000V - 3,999V  
Class 3A: 4,000V - 7,999V  
Class 3B: 8,000V - 15,999V  
Class 3: 4,000V - 15,999V  
Non-sensitive: Above 15,999V

4. These notes will appear next to the part number when applicable:

1/ Manufacturer has issued an end of life buy notice for these device types. Contact manufacturer for further information.

3/ Traceable die bank being utilized.

4/ These device types have been declared "Inactive for New Design". Refer to the applicable notice for the date of inactivation. The listings for these device types will be maintained until acquisition of the product is no longer required.

5/ Manufacturing of qualified product was discontinued at this plant. Listing will be removed once inventory is depleted.

6/ Testing is compliant to the latest revision of MIL-STD-750 Test Method 1020.3.

#### **Part Configuration:**

**The Part or Identifying Number (PIN) for encapsulated semiconductor devices is formulated as follows:**

|                                   |                   |                          |                          |                   |
|-----------------------------------|-------------------|--------------------------|--------------------------|-------------------|
| JAN Brand<br>and<br>Quality Level | RHA<br>Designator | Component<br>Designation | Identification<br>Number | Suffix<br>Letters |
| JANQQQ                            | A                 | XN                       | YYYY                     | ZZZ               |

**The PIN for unencapsulated semiconductor devices is formulated as follows:**

|                                                  |                   |                          |                          |                   |
|--------------------------------------------------|-------------------|--------------------------|--------------------------|-------------------|
| JAN Brand<br>Quality Level<br>and<br>Identifiers | RHA<br>Designator | Component<br>Designation | Identification<br>Number | Suffix<br>Letters |
| JANQCW                                           | A                 | XN                       | YYYY                     | ZZ                |

#### **PART LISTINGS**

| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JAN 1N457                      | NS           | CDWR                                         | 19500-2286-08                         | /193                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JAN 1N458                      | NS           | CDWR                                         | 19500-2286-08                         | /193                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JAN 1N459                      | NS           | CDWR                                         | 19500-2286-08                         | /193                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N483B                      | NS           | CDWR                                         | 19500-2922-10                         | /118                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N485B                      | NS           | CDWR                                         | 19500-2922-10                         | /118                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N486B                      | NS           | CDWR                                         | 19500-2922-10                         | /118                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N645-1                     | 2            | CDWR                                         | 19500-1474-06                         | /240                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N645UR-1                   | 2            | CDWR                                         | 19500-1474-06                         | /240                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N647-1                     | 2            | CDWR                                         | 19500-1474-06                         | /240                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N647UR-1                   | 2            | CDWR                                         | 19500-1474-06                         | /240                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N649-1                     | 2            | CDWR                                         | 19500-1474-06                         | /240                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N649UR-1                   | 2            | CDWR                                         | 19500-1474-06                         | /240                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N746A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N746A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N746A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N746A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N746A-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N746A-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N746AUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N746AUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N746AUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| JANKCA 1N746C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N746C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N746C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N746C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N746C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N746C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N746CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N746CUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N746CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N746D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JANKCC 1N746D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N746D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N746D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N746D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N746D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N746DUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N746DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N746DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N747A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N747A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N747A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N747A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N747A-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N747A-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N747AUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N747AUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N747AUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N747C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N747C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N747C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N747C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N747C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N747C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N747CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N747CUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N747CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N747D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N747D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N747D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N747D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N747D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N747D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N747DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N747DUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N747DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N748A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N748A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N748A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N748A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N748A-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N748A-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N748AUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N748AUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N748AUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N748C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N748C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N748C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N748C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N748C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N748C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N748CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N748CUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N748CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N748D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N748D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N748D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N748D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N748D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N748D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N748DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N748DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N748DUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| JANKCC 1N749A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N749A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N749A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N749A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N749A-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N749A-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N749AUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N749AUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N749AUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| JANKCC 1N749C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N749C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N749C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N749C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N749C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N749C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N749CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N749CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N749CUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| JANKCC 1N749D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N749D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N749D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N749D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N749D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N749D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N749DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N749DUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N749DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N750A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N750A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N750A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N750A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N750A-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N750A-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N750AUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N750AUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N750AUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| JANKCC 1N750C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N750C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N750C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N750C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N750C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N750C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N750CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N750CUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N750CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N750D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N750D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N750D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N750D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N750D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N750D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N750DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N750DUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N750DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N751A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N751A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N751A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N751A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N751A-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N751A-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N751AUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N751AUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N751AUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N751C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N751C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N751C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N751C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N751C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N751C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N751CUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N751CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N751CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N751D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N751D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N751D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N751D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N751D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N751D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N751DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N751DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N751DUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| JANHCA 1N752A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N752A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N752A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N752A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N752A-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N752A-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N752AUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N752AUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N752AUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N752C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N752C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N752C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N752C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N752C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N752C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N752CUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N752CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N752CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N752D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N752D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N752D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N752D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N752D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N752D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N752DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N752DUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N752DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N753A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JANKCC 1N753A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N753A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N753A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N753A-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N753A-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N753AUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N753AUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N753AUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| JANKCC 1N753C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N753C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N753C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N753C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N753C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N753C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N753CUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N753CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N753CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N753D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N753D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N753D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N753D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N753D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N753D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N753DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N753DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N753DUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| JANHCC 1N754A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N754A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N754A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N754A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N754A-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N754A-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N754AUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N754AUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N754AUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N754C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N754C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N754C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N754C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N754C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N754C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N754CUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N754CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N754CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N754D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N754D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N754D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N754D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N754D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N754D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N754DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N754DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N754DUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| JANKCC 1N755A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N755A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N755A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N755A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N755A-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N755A-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N755AUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N755AUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N755AUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| JANHCA 1N755C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N755C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N755C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N755C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N755C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N755C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N755CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N755CUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N755CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N755D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N755D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N755D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N755D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N755D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N755D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N755DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N755DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N755DUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| JANKCC 1N756A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N756A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N756A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N756A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N756A-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N756A-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N756AUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N756AUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N756AUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N756C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N756C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N756C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N756C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N756C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N756C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N756CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N756CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N756CUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| JANHCC 1N756D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N756D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N756D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N756D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N756D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N756D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N756DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N756DUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N756DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N757A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N757A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N757A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N757A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N757A-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N757A-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N757AUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N757AUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N757AUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N757C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N757C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N757C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N757C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N757C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N757C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N757CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N757CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N757CUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| JANKCC 1N757D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N757D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N757D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N757D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N757D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N757D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N757DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N757DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N757DUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| JANKCC 1N758A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N758A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N758A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N758A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N758A-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N758A-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N758AUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N758AUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N758AUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N758C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N758C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N758C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N758C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N758C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N758C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N758CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N758CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N758CUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| JANKCA 1N758D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N758D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N758D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N758D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N758D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N758D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N758DUR-1                  | NS           | CONP                                         | 19500-3657-12                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 1N758DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N758DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N759A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N759A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N759A                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N759A                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N759A-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N759A-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N759AUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N759AUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N759AUR-1                  | NS           | CONP                                         | 19500-3693-13                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| JANHCA 1N759C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JANHCC 1N759C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N759C                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N759C                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N759C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N759C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N759CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N759CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N759CUR-1                  | NS           | CONP                                         | 19500-3693-13                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| JANHCC 1N759D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N759D                  | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N759D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N759D                  |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N759D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N759D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N759DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N759DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N759DUR-1                  | NS           | CONP                                         | 19500-3693-13                         | /127                 | D                            | 31471                                              | On Semiconductor (2)           |
| JAN 1N816                      | NS           | CDWR                                         | 19500-2177-08                         | /199                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N821                   |              | CDWR                                         | 19500-1453-05                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N821                   | N/A          | CDWR                                         | 19500-172-95                          | /159                 | D                            | 43611                                              | Microsemi-CDI (8)              |
| JANKCA 1N821                   |              | CDWR                                         | 19500-1453-05                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCD 1N821                   |              | CHRC                                         | 19500-3404-12                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCD 1N821                   |              | CHRC                                         | 19500-3404-12                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N821                   | N/A          | CDWR                                         | 19500-172-95                          | /159                 | D                            | 43611                                              | Microsemi-CDI (8)              |
| S 1N821-1                      | NS           | CHRC                                         | 19500-3080-11                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N821-1                     | NS           | CDWR                                         | 19500-1505-06                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N821-1                      | NS           | CDWR                                         | 19500-1525-06                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N821-1                     | NS           | CHRC                                         | 19500-2830-10                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N821UR-1                    | NS           | CDWR                                         | 19500-1525-06                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N821UR-1                    | NS           | CHRC                                         | 19500-3080-11                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N821UR-1                   | NS           | CDWR                                         | 19500-1505-06                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N821UR-1                   | NS           | CHRC                                         | 19500-2830-10                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCD 1N823                   |              | CHRC                                         | 19500-3404-12                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N823                   | N/A          | CDWR                                         | 19500-172-95                          | /159                 | D                            | 43611                                              | Microsemi-CDI (8)              |
| JANHCA 1N823                   | N/A          | CDWR                                         | 19500-172-95                          | /159                 | D                            | 43611                                              | Microsemi-CDI (8)              |
| JANHCD 1N823                   |              | CHRC                                         | 19500-3404-12                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N823                   |              | CDWR                                         | 19500-1453-05                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N823                   |              | CDWR                                         | 19500-1453-05                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N823-1                      | NS           | CDWR                                         | 19500-1525-06                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N823-1                     | NS           | CHRC                                         | 19500-2830-10                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N823-1                      | NS           | CHRC                                         | 19500-3080-11                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N823-1                     | NS           | CDWR                                         | 19500-1505-06                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N823UR-1                    | NS           | CDWR                                         | 19500-1525-06                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N823UR-1                   | NS           | CHRC                                         | 19500-2830-10                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N823UR-1                   | NS           | CDWR                                         | 19500-1505-06                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N823UR-1                    | NS           | CHRC                                         | 19500-3080-11                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCD 1N825                   |              | CHRC                                         | 19500-3404-12                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N825                   |              | CDWR                                         | 19500-1453-05                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N825                   |              | CDWR                                         | 19500-1453-05                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCD 1N825                   |              | CHRC                                         | 19500-3404-12                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N825                   | N/A          | CDWR                                         | 19500-172-95                          | /159                 | D                            | 43611                                              | Microsemi-CDI (8)              |
| JANHCA 1N825                   | N/A          | CDWR                                         | 19500-172-95                          | /159                 | D                            | 43611                                              | Microsemi-CDI (8)              |
| ** 1N825-1                     | NS           | CDWR                                         | 19500-1505-06                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N825-1                      | NS           | CHRC                                         | 19500-3080-11                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N825-1                     | NS           | CHRC                                         | 19500-2830-10                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N825-1                      | NS           | CDWR                                         | 19500-1525-06                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N825UR-1                   | NS           | CHRC                                         | 19500-2830-10                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N825UR-1                    | NS           | CDWR                                         | 19500-1525-06                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N825UR-1                    | NS           | CHRC                                         | 19500-3080-11                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N825UR-1                   | NS           | CDWR                                         | 19500-1505-06                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N827                   |              | CDWR                                         | 19500-1453-05                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCD 1N827                   |              | CHRC                                         | 19500-3404-12                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N827                   | N/A          | CDWR                                         | 19500-172-95                          | /159                 | D                            | 43611                                              | Microsemi-CDI (8)              |
| JANKCD 1N827                   |              | CHRC                                         | 19500-3404-12                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N827                   |              | CDWR                                         | 19500-1453-05                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N827                   | N/A          | CDWR                                         | 19500-172-95                          | /159                 | D                            | 43611                                              | Microsemi-CDI (8)              |
| ** 1N827-1                     | NS           | CHRC                                         | 19500-2830-10                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N827-1                      | NS           | CHRC                                         | 19500-3080-11                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N827-1                     | NS           | CDWR                                         | 19500-1505-06                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N827-1                      | NS           | CDWR                                         | 19500-1525-06                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N827UR-1                   | NS           | CHRC                                         | 19500-2830-10                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N827UR-1                    | NS           | CDWR                                         | 19500-1525-06                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N827UR-1                   | NS           | CDWR                                         | 19500-1505-06                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N827UR-1                    | NS           | CHRC                                         | 19500-3080-11                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N829                   |              | CDWR                                         | 19500-1453-05                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N829                   | N/A          | CDWR                                         | 19500-172-95                          | /159                 | D                            | 43611                                              | Microsemi-CDI (8)              |
| JANKCA 1N829                   | N/A          | CDWR                                         | 19500-172-95                          | /159                 | D                            | 43611                                              | Microsemi-CDI (8)              |
| JANHCD 1N829                   |              | CHRC                                         | 19500-3404-12                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCD 1N829                   |              | CHRC                                         | 19500-3404-12                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N829                   |              | CDWR                                         | 19500-1453-05                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N829-1                      | NS           | CHRC                                         | 19500-3080-11                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N829-1                     | NS           | CHRC                                         | 19500-2830-10                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N829-1                      | NS           | CDWR                                         | 19500-1525-06                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N829-1                     | NS           | CDWR                                         | 19500-1505-06                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N829UR-1                    | NS           | CDWR                                         | 19500-1525-06                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N829UR-1                   | NS           | CDWR                                         | 19500-1505-06                         | /159                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N829UR-1                    | NS           | CHRC                                         | 19500-3080-11                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N829UR-1                   | NS           | CHRC                                         | 19500-2830-10                         | /159                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N914                       | 3A           | CHRC                                         | 19500-2767-10                         | /116                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N914                       | 3A           | CDWR                                         | 19500-2377-08                         | /116                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHC 1N914                    | NS           | CDWR                                         | 19500-1265-05                         | /116                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHC 1N914                    | NS           | CDWR                                         | 19500-1265-05                         | /116                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N914UR                     | 3A           | CDWR                                         | 19500-2377-08                         | /116                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N914UR                     | 3A           | CHRC                                         | 19500-2767-10                         | /116                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N935B-1                    | NS           | CDWR                                         | 19500-1372-05                         | /156                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N935B-1                    | NS           | CDWR                                         | 19500-1478-06                         | /156                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N935B-1                     | NS           | CDWR                                         | 19500-1832-07                         | /156                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N935BUR-1                  | NS           | CDWR                                         | 19500-1372-05                         | /156                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N935BUR-1                  | NS           | CDWR                                         | 19500-1478-06                         | /156                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N935BUR-1                   | NS           | CDWR                                         | 19500-1832-07                         | /156                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N937B-1                    | NS           | CDWR                                         | 19500-1372-05                         | /156                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N937B-1                    | NS           | CDWR                                         | 19500-1478-06                         | /156                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N937B-1                     | NS           | CDWR                                         | 19500-1832-07                         | /156                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N937BUR-1                  | NS           | CDWR                                         | 19500-1372-05                         | /156                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N937BUR-1                   | NS           | CDWR                                         | 19500-1832-07                         | /156                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N937BUR-1                  | NS           | CDWR                                         | 19500-1478-06                         | /156                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N938B-1                    | NS           | CDWR                                         | 19500-1372-05                         | /156                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N938B-1                     | NS           | CDWR                                         | 19500-1832-07                         | /156                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N938B-1                    | NS           | CDWR                                         | 19500-1478-06                         | /156                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N938BUR-1                  | NS           | CDWR                                         | 19500-1372-05                         | /156                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N938BUR-1                   | NS           | CDWR                                         | 19500-1832-07                         | /156                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N938BUR-1                  | NS           | CDWR                                         | 19500-1478-06                         | /156                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N941B-1                    | NS           | CDWR                                         | 19500-1319-05                         | /157                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N941B-1                     | NS           | CDWR                                         | 19500-1911-07                         | /157                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N941BUR-1                  | NS           | CDWR                                         | 19500-1319-05                         | /157                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N941BUR-1                   | NS           | CDWR                                         | 19500-1911-07                         | /157                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N942B-1                    | NS           | CDWR                                         | 19500-1319-05                         | /157                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N942B-1                     | NS           | CDWR                                         | 19500-1911-07                         | /157                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N942BUR-1                   | NS           | CDWR                                         | 19500-1911-07                         | /157                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N942BUR-1                  | NS           | CDWR                                         | 19500-1319-05                         | /157                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N943B-1                    | NS           | CDWR                                         | 19500-1319-05                         | /157                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N943B-1                     | NS           | CDWR                                         | 19500-1911-07                         | /157                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N943BUR-1                  | NS           | CDWR                                         | 19500-1319-05                         | /157                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N943BUR-1                   | NS           | CDWR                                         | 19500-1911-07                         | /157                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N944B-1                    | NS           | CDWR                                         | 19500-1319-05                         | /157                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N944B-1                     | NS           | CDWR                                         | 19500-1911-07                         | /157                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N944BUR-1                   | NS           | CDWR                                         | 19500-1911-07                         | /157                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N944BUR-1                  | NS           | CDWR                                         | 19500-1319-05                         | /157                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N945B-1                    | NS           | CDWR                                         | 19500-1319-05                         | /157                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N945B-1                     | NS           | CDWR                                         | 19500-1911-07                         | /157                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N945BUR-1                   | NS           | CDWR                                         | 19500-1911-07                         | /157                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N945BUR-1                  | NS           | CDWR                                         | 19500-1319-05                         | /157                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N962B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N962B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N962B                  |              | CDWR                                         | 19500-179-93                          | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N962B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N962B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N962BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N962BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N962C                  |              | CDWR                                         | 19950-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N962C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N962C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N962C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N962C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N962CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N962CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N962D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N962D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N962D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N962D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N962D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N962DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N962DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N963B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N963B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N963B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N963B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N963B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N963BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N963BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N963C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N963C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N963C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N963C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N963C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N963CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N963CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N963D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N963D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N963D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N963D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N963D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N963DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N963DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N964B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N964B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N964B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N964B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N964B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N964BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N964BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N964C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N964C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N964C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N964C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N964C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N964CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N964CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N964D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N964D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N964D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N964D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N964D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N964DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N964DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N965B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N965B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N965B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N965B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N965B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N965BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N965BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N965C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N965C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N965C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N965C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N965C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N965CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N965CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N965D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N965D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N965D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N965D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N965D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N965DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N965DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N966B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N966B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N966B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N966B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N966B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N966BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N966BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N966C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N966C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N966C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N966C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N966C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N966CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N966CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N966D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N966D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N966D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N966D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N966D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N966DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N966DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N967B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N967B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N967B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N967B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N967B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N967BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N967BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N967C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N967C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N967C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N967C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N967C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N967CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N967CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N967D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N967D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N967D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N967D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N967D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N967DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N967DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N968B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N968B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N968B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N968B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N968B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N968BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N968BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N968C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N968C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N968C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N968C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N968C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N968CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N968CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N968D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N968D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N968D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N968D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N968D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N968DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N968DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N969B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N969B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N969B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N969B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N969B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N969BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N969BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N969C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N969C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N969C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N969C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N969C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N969CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N969CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N969D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N969D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N969D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N969D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N969D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N969DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N969DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N970B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N970B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N970B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N970B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N970B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N970BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N970BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N970C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N970C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N970C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N970C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N970C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N970CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N970CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N970D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N970D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N970D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N970D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N970D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N970DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N970DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N971B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N971B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N971B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N971B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N971B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N971BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N971BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N971C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N971C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N971C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N971C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N971C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N971CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N971CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N971D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N971D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N971D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N971D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N971D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N971DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N971DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JANHCC 1N972B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N972B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N972B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N972B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N972B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N972BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N972BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N972C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N972C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N972C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N972C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N972C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N972CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N972CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N972D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N972D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N972D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N972D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N972D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N972DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N972DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N973B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N973B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N973B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N973B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N973B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N973BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N973BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N973C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N973C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N973C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N973C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N973C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N973CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N973CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N973D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N973D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N973D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N973D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N973D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N973DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N973DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N974B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N974B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N974B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N974B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N974B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N974BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N974BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N974C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N974C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N974C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N974C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N974C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N974CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N974CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N974D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JANHCA 1N974D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N974D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N974D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N974D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N974DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N974DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N975B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N975B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N975B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N975B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N975B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N975BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N975BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N975C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N975C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N975C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N975C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N975C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N975CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N975CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N975D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N975D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N975D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N975D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N975D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N975DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N975DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N976B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N976B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N976B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N976B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N976B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N976BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N976BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N976C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N976C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N976C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N976C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N976C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N976CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N976CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N976D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N976D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N976D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N976D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N976D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N976DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N976DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N977B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N977B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N977B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N977B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N977B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N977BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N977BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N977C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N977C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JANKCC 1N977C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N977C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N977C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N977CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N977CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N977D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N977D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N977D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N977D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N977D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N977DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N977DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N978B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N978B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N978B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N978B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N978B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N978BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N978BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N978C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N978C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N978C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N978C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N978C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N978CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N978CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N978D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N978D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N978D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N978D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N978D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N978DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N978DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N979B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N979B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N979B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N979B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N979B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N979BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N979BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N979C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N979C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N979C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N979C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N979C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N979CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N979CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N979D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N979D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N979D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N979D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N979D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N979DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N979DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N980B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N980B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N980B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N980B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N980B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N980BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N980BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N980C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N980C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N980C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N980C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N980C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N980CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N980CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N980D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N980D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N980D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N980D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N980D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N980DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N980DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N981B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N981B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N981B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N981B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N981B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N981BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N981BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N981C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N981C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N981C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N981C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N981C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N981CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N981CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N981D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N981D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N981D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N981D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N981D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N981DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N981DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N982B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N982B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N982B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N982B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N982B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N982BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N982BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N982C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N982C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N982C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N982C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N982C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N982CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N982CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N982D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N982D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N982D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N982D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N982D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N982DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N982DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N983B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N983B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N983B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N983B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N983B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N983BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N983BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N983C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N983C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N983C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N983C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N983C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N983CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N983CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N983D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N983D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N983D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N983D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N983D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N983DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N983DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N984B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N984B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N984B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N984B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N984B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N984BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N984BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N984C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N984C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N984C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N984C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N984C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N984CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N984CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N984D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N984D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N984D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N984D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N984D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N984DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N984DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N985B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N985B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N985B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N985B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N985B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N985BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N985BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N985C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N985C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N985C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N985C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N985C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N985CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N985CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N985D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N985D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N985D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N985D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N985D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N985DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N985DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N986B                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N986B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N986B                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N986B-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N986B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N986BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N986BUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N986C                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N986C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N986C                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N986C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N986C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N986CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N986CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N986D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N986D                  | NA           | CHRC                                         | 19500-3482-12                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N986D                  |              | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N986D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N986D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N986DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N986DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /117                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N987B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N987BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N987C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N987CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N987D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N987DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N988B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N988BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N988C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N988CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N988D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N988DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N989B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N989BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N989C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N989CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N989D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N989DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N990B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N990BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N990C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N990CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N990D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N990DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N991B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N991BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N991C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N991CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N991D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N991DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N992B-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N992BUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N992C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N992CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N992D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N992DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /117                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JAN 1N1124A                    | 3B           | CDWR                                         | 19500-2276-08                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| JAN 1N1124A 3/                 | 3B           | CDWR                                         | 19500-1895-07                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| JAN 1N1124RA                   | 3B           | CDWR                                         | 19500-2276-08                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| JAN 1N1124RA 3/                | 3B           | CDWR                                         | 19500-1895-07                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| JAN 1N1126A                    | 3B           | CDWR                                         | 19500-2276-08                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| JAN 1N1126A 3/                 | 3B           | CDWR                                         | 19500-1895-07                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| JAN 1N1126RA                   | 3B           | CDWR                                         | 19500-2276-08                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| JAN 1N1126RA 3/                | 3B           | CDWR                                         | 19500-1895-07                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| JAN 1N1128A                    | 3B           | CDWR                                         | 19500-2276-08                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| JAN 1N1128A 3/                 | 3B           | CDWR                                         | 19500-1895-07                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| JAN 1N1128RA                   | 3B           | CDWR                                         | 19500-2276-08                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| JAN 1N1128RA 3/                | 3B           | CDWR                                         | 19500-1895-07                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| ** 1N1184                      | 3B           | CDWR                                         | 19500-2466-09                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N1184                      | NS           | CSES                                         | 19500-1037-04                         | /297                 | D                            | 31338                                              | Semitronics Corporation        |
| ** 1N1184 3/                   | 3B           | CDWR                                         | 19500-1895-07                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| ** 1N1184R                     | NS           | CSES                                         | 19500-1037-04                         | /297                 | D                            | 31338                                              | Semitronics Corporation        |
| ** 1N1184R                     | 3B           | CDWR                                         | 19500-2466-09                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N1184R 3/                  | 3B           | CDWR                                         | 19500-1895-07                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| ** 1N1186                      | NS           | CSES                                         | 19500-1037-04                         | /297                 | D                            | 31338                                              | Semitronics Corporation        |
| ** 1N1186                      | 3B           | CDWR                                         | 19500-2466-09                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N1186 3/                   | 3B           | CDWR                                         | 19500-1895-07                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| ** 1N1186R                     | 3B           | CDWR                                         | 19500-2466-09                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N1186R                     | NS           | CSES                                         | 19500-1037-04                         | /297                 | D                            | 31338                                              | Semitronics Corporation        |
| ** 1N1186R 3/                  | 3B           | CDWR                                         | 19500-1895-07                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| ** 1N1188                      | NS           | CSES                                         | 19500-1037-04                         | /297                 | D                            | 31338                                              | Semitronics Corporation        |
| ** 1N1188                      | 3B           | CDWR                                         | 19500-2466-09                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N1188 3/                   | 3B           | CDWR                                         | 19500-1895-07                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| ** 1N1188R                     | 3B           | CDWR                                         | 19500-2466-09                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N1188R                     | NS           | CSES                                         | 19500-1037-04                         | /297                 | D                            | 31338                                              | Semitronics Corporation        |
| ** 1N1188R 3/                  | 3B           | CDWR                                         | 19500-1895-07                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| ** 1N1190                      | NS           | CSES                                         | 19500-1037-04                         | /297                 | D                            | 31338                                              | Semitronics Corporation        |
| ** 1N1190                      | 3B           | CDWR                                         | 19500-2466-09                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N1190 3/                   | 3B           | CDWR                                         | 19500-1895-07                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| ** 1N1190R                     | NS           | CSES                                         | 19500-1037-04                         | /297                 | D                            | 31338                                              | Semitronics Corporation        |
| ** 1N1190R                     | 3B           | CDWR                                         | 19500-2466-09                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N1190R 3/                  | 3B           | CDWR                                         | 19500-1895-07                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| ** 1N1202A                     | 3B           | CDWR                                         | 19500-2276-08                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N1202A                     | NS           | CSES                                         | 19500-951-04                          | /260                 | D                            | 31338                                              | Semitronics Corporation        |
| ** 1N1202A 3/                  | 3B           | CDWR                                         | 19500-1895-07                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| ** 1N1202AR                    | 3B           | CDWR                                         | 19500-2276-08                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N1202AR                    | NS           | CSES                                         | 19500-951-04                          | /260                 | D                            | 31338                                              | Semitronics Corporation        |
| ** 1N1202R 3/                  | 3B           | CDWR                                         | 19500-1895-07                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| ** 1N1204A                     | NS           | CSES                                         | 19500-951-04                          | /260                 | D                            | 31338                                              | Semitronics Corporation        |
| ** 1N1204A                     | 3B           | CDWR                                         | 19500-2276-08                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N1204A 3/                  | 3B           | CDWR                                         | 19500-1895-07                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| ** 1N1204AR                    | 3B           | CDWR                                         | 19500-2276-08                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N1204AR                    | NS           | CSES                                         | 19500-951-04                          | /260                 | D                            | 31338                                              | Semitronics Corporation        |
| ** 1N1204R 3/                  | 3B           | CDWR                                         | 19500-1895-07                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (13)        |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N1206A                     | NS           | CSES                                         | 19500-951-04                          | /260                 | D                            | 31338                                              | Semitronics Corporation        |
| ** 1N1206A                     | 3B           | CDWR                                         | 19500-2276-08                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N1206A 3/                  | 3B           | CDWR                                         | 19500-1895-07                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| ** 1N1206AR                    | NS           | CSES                                         | 19500-951-04                          | /260                 | D                            | 31338                                              | Semitronics Corporation        |
| ** 1N1206AR                    | 3B           | CDWR                                         | 19500-2276-08                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| * 1N1614                       | NS           | CSES                                         | 19500-2694-10                         | /162                 | D                            | 31338                                              | Semitronics Corporation        |
| * 1N1614                       | 3B           | CDWR                                         | 19500-2276-08                         | /162                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| * 1N1614 3/                    | 3B           | CDWR                                         | 19500-1895-07                         | /162                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| * 1N1614R                      | 3B           | CDWR                                         | 19500-2276-08                         | /162                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| * 1N1614R                      | NS           | CSES                                         | 19500-2694-10                         | /162                 | D                            | 31338                                              | Semitronics Corporation        |
| * 1N1614R 3/                   | 3B           | CDWR                                         | 19500-1895-07                         | /162                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| * 1N1615                       | 3B           | CDWR                                         | 19500-2276-08                         | /162                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| * 1N1615                       | NS           | CSES                                         | 19500-2694-10                         | /162                 | D                            | 31338                                              | Semitronics Corporation        |
| * 1N1615 3/                    | 3B           | CDWR                                         | 19500-1895-07                         | /162                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| * 1N1615R                      | 3B           | CDWR                                         | 19500-2276-08                         | /162                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| * 1N1615R                      | NS           | CSES                                         | 19500-2694-10                         | /162                 | D                            | 31338                                              | Semitronics Corporation        |
| * 1N1615R 3/                   | 3B           | CDWR                                         | 19500-1895-07                         | /162                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| * 1N1616                       | 3B           | CDWR                                         | 19500-2276-08                         | /162                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| * 1N1616                       | NS           | CSES                                         | 19500-2694-10                         | /162                 | D                            | 31338                                              | Semitronics Corporation        |
| * 1N1616 3/                    | 3B           | CDWR                                         | 19500-1895-07                         | /162                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| * 1N1616R                      | NS           | CSES                                         | 19500-2694-10                         | /162                 | D                            | 31338                                              | Semitronics Corporation        |
| * 1N1616R                      | 3B           | CDWR                                         | 19500-2276-08                         | /162                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| * 1N1616R 3/                   | 3B           | CDWR                                         | 19500-1895-07                         | /162                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| JAN 1N1742A 4/, 5/             | NS           | CCZL                                         | 19500-1203-65                         | /298 (U              | D                            | 12954                                              | Microsemi Corporation (B1)     |
| ** 1N2804B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2804B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2804RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2804RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2805B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2805B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2805RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2805RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2806B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2806B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2806RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2806RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2807B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2807B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2807RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2807RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2808B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2808B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2808RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2808RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2809B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2809B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2809RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2809RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2810B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2810B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2810RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2810RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2811B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2811B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2811RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2811RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2813B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N2813B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2813RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2813RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2814B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2814B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2814RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2814RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2816B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2816B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2816RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2816RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2818B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2818B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2818RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2818RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2819B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2819B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2819RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2819RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2820B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2820B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2820RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2820RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2822B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2822B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2822RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2822RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2823B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2823B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2823RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2823RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2824B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2824B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2824RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2824RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2825B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2825B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2825RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2825RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2826B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2826B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2826RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2826RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2827B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2827B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2827RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2827RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2829B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2829B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2829RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2829RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2831B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2831B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2831RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2831RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2832B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2832B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N2832RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2832RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2833B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2833B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2833RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2833RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2834B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2834B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2834RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2834RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2835B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2835B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2835RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2835RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2836B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2836B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2836RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2836RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2837B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2837B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2837RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2837RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2838B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2838B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2838RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2838RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2840B                     | NS           | CDWR                                         | 19500-3107-11                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2840RB                    | NS           | CDWR                                         | 19500-3107-11                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2841B                     | NS           | CDWR                                         | 19500-3107-11                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2841RB                    | NS           | CDWR                                         | 19500-3107-11                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2842B                     | NS           | CDWR                                         | 19500-3107-11                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2842RB                    | NS           | CDWR                                         | 19500-3107-11                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2843B                     | NS           | CDWR                                         | 19500-3107-11                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2843RB                    | NS           | CDWR                                         | 19500-3107-11                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2844B                     | NS           | CDWR                                         | 19500-3107-11                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2844RB                    | NS           | CDWR                                         | 19500-3107-11                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2845B                     | NS           | CDWR                                         | 19500-3107-11                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2845RB                    | NS           | CDWR                                         | 19500-3107-11                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2846B                     | NS           | CDWR                                         | 19500-3107-11                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2846RB                    | NS           | CDWR                                         | 19500-3107-11                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N2970B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2970B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2970RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2970RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2971B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2971B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2971RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2971RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2972B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2972B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2972RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2972RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2973B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2973B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2973RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2973RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2974B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N2974B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2974RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2974RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2975B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2975B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2975RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2975RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2976B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2976B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2976RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2976RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2977B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2977B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2977RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2977RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2979B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2979B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2979RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2979RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2980B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2980B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2980RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2980RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2982B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2982B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2982RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2982RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2984B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2984B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2984RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2984RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2985B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2985B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2985RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2985RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2986B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2986B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2986RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2986RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2988B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2988B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2988RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2988RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2989B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2989B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2989RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2989RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2990B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2990B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2990RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2990RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2991B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2991B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2991RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2991RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2992B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2992B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N2992RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2992RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2993B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2993B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2993RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2993RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2995B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2995B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2995RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2995RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2997B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2997B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2997RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2997RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2999B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2999B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2999RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N2999RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3000B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3000B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3000RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3000RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3001B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3001B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3001RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3001RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3002B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3002B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3002RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3002RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3003B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3003B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3003RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3003RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3004B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3004B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3004RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3004RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3005B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3005B                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3005RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3005RB                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3007B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3007B                     | NS           | CDWR                                         | 19500-3349-11                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3007RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3007RB                    | NS           | CDWR                                         | 19500-3349-11                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3008B                     | NS           | CDWR                                         | 19500-3349-11                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3008B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3008RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3008RB                    | NS           | CDWR                                         | 19500-3349-11                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3009B                     | NS           | CDWR                                         | 19500-3349-11                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3009B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3009RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3009RB                    | NS           | CDWR                                         | 19500-3349-11                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3011B                     | NS           | CDWR                                         | 19500-3349-11                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3011B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3011RB                    | NS           | CDWR                                         | 19500-3349-11                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N3011RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3012B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3012B                     | NS           | CDWR                                         | 19500-3349-11                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3012RB                    | NS           | CDWR                                         | 19500-3349-11                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3012RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3014B                     | NS           | CDWR                                         | 19500-3349-11                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3014B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3014RB                    | NS           | CDWR                                         | 19500-3349-11                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3014RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3015B                     | NS           | CDWR                                         | 19500-3349-11                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3015B                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3015RB                    | NS           | CDWR                                         | 19500-3349-11                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3015RB                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3016B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3016BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3016C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3016CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3016D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3016DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3017B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3017BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3017C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3017CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3017D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3017DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3018B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3018BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3018C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3018CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3018D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3018DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3019B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3019BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3019C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3019CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3019D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3019DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3020B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3020BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3020C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3020CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3020D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3020DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3021B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3021BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3021C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3021CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3021D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3021DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3022B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3022BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3022C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3022CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3022D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3022DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3023B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3023BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N3023C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3023CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3023D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3023DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3024B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3024BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3024C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3024CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3024D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3024DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3025B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3025BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3025C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3025CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3025D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3025DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3026B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3026BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3026C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3026CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3026D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3026DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3027B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3027BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3027C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3027CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3027D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3027DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3028B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3028BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3028C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3028CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3028D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3028DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3029B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3029BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3029C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3029CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3029D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3029DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3030B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3030BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3030C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3030CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3030D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3030DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3031B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3031BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3031C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3031CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3031D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3031DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3032B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3032BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3032C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3032CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3032D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N3032DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3033B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3033BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3033C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3033CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3033D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3033DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3034B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3034BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3034C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3034CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3034D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3034DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3035B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3035BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3035C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3035CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3035D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3035DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3036B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3036BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3036C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3036CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3036D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3036DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3037B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3037BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3037C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3037CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3037D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3037DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3038B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3038BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3038C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3038CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3038D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3038DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3039B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3039BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3039C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3039CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3039D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3039DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3040B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3040BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3040C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3040CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3040D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3040DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3041B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3041BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3041C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3041CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3041D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3041DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3042B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3042BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N3042C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3042CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3042D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3042DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3043B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3043BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3043C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3043CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3043D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3043DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3044B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3044BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3044C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3044CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3044D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3044DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3045B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3045BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3045C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3045CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3045D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3045DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3046B-1                   | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3046C-1                   | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3046CUR-1                 | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3046D-1                   | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3046DUR-1                 | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3046UR-1                  | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3047B-1                   | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3047C-1                   | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3047CUR-1                 | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3047D-1                   | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3047DUR-1                 | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3047UR-1                  | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3048B-1                   | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3048C-1                   | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3048CUR-1                 | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3048D-1                   | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3048DUR-1                 | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3048UR-1                  | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3049B-1                   | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3049C-1                   | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3049CUR-1                 | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3049D-1                   | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3049DUR-1                 | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3049UR-1                  | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3050B-1                   | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3050C-1                   | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3050CUR-1                 | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3050D-1                   | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3050DUR-1                 | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3050UR-1                  | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3051B-1                   | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3051C-1                   | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3051CUR-1                 | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3051D-1                   | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3051DUR-1                 | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N3051UR-1                  | NS           | CDWR                                         | 19500-3675-13                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3064                      | 3A           | CHRC                                         | 19500-2767-10                         | /144                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N3070-1                    | 2            | CDWR                                         | 19500-2712-10                         | /169                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3070UR-1                  | 2            | CDWR                                         | 19500-2712-10                         | /169                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3154-1                    | NS           | CDWR                                         | 19500-1372-05                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3154-1                    | NS           | CDWR                                         | 19500-1478-06                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N3154-1                     | NS           | CDWR                                         | 19500-1832-07                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N3154UR-1                   | NS           | CDWR                                         | 19500-1832-07                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3154UR-1                  | NS           | CDWR                                         | 19500-1372-05                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3154UR-1                  | NS           | CDWR                                         | 19500-1478-06                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3155-1                    | NS           | CDWR                                         | 19500-1372-05                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3155-1                    | NS           | CDWR                                         | 19500-1478-06                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N3155-1                     | NS           | CDWR                                         | 19500-1832-07                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N3155UR-1                   | NS           | CDWR                                         | 19500-1832-07                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3155UR-1                  | NS           | CDWR                                         | 19500-1372-05                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3155UR-1                  | NS           | CDWR                                         | 19500-1478-06                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3156-1                    | NS           | CDWR                                         | 19500-1372-05                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N3156-1                     | NS           | CDWR                                         | 19500-1832-07                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3156-1                    | NS           | CDWR                                         | 19500-1478-06                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3156UR-1                  | NS           | CDWR                                         | 19500-1478-06                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3156UR-1                  | NS           | CDWR                                         | 19500-1372-05                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N3156UR-1                   | NS           | CDWR                                         | 19500-1832-07                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3157-1                    | NS           | CDWR                                         | 19500-1478-06                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N3157-1                     | NS           | CDWR                                         | 19500-1832-07                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3157-1                    | NS           | CDWR                                         | 19500-1372-05                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3157UR-1                  | NS           | CDWR                                         | 19500-1478-06                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3157UR-1                  | NS           | CDWR                                         | 19500-1372-05                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N3157UR-1                   | NS           | CDWR                                         | 19500-1832-07                         | /158                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3164                      | NS           | CDWR                                         | 19500-2550-09                         | /211                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3164R                     | NS           | CDWR                                         | 19500-2550-09                         | /211                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3168                      | NS           | CDWR                                         | 19500-2550-09                         | /211                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3168R                     | NS           | CDWR                                         | 19500-2550-09                         | /211                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3170                      | NS           | CDWR                                         | 19500-2550-09                         | /211                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3170R                     | NS           | CDWR                                         | 19500-2550-09                         | /211                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3172                      | NS           | CDWR                                         | 19500-2550-09                         | /211                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3172R                     | NS           | CDWR                                         | 19500-2550-09                         | /211                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3174                      | NS           | CDWR                                         | 19500-2550-09                         | /211                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3174R                     | NS           | CDWR                                         | 19500-2550-09                         | /211                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3289                      | NS           | CDWR                                         | 19500-3252-11                         | /246                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3289R                     | NS           | CDWR                                         | 19500-3252-11                         | /246                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3291                      | NS           | CDWR                                         | 19500-3252-11                         | /246                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3291R                     | NS           | CDWR                                         | 19500-3252-11                         | /246                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3293                      | NS           | CDWR                                         | 19500-3252-11                         | /246                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3293R                     | NS           | CDWR                                         | 19500-3252-11                         | /246                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3294                      | NS           | CDWR                                         | 19500-3508-12                         | /246                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3294R                     | NS           | CDWR                                         | 19500-3508-12                         | /246                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3295                      | NS           | CDWR                                         | 19500-3508-12                         | /246                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3295R                     | NS           | CDWR                                         | 19500-3508-12                         | /246                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3305B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3305B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3305RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3305RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3306B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3306B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3306RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3306RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3307B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N3307B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3307RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3307RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3308B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3308B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3308RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3308RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3309B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3309B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3309RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3309RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3310B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3310B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3310RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3310RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3311B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3311B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3311RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3311RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3312B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3312B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3312RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3312RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3313B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3313B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3313RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3313RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3314B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3314B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3314RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3314RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3315B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3315B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3315RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3315RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3316B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3316B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3316RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3316RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3317B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3317B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3317RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3317RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3318B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3318B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3318RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3318RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3319B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3319B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3319RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3319RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3320B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3320B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3320RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3320RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3321B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3321B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N3321RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3321RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3322B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3322B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3322RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3322RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3323B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3323B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3323RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3323RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3324B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3324B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3324RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3324RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3325B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3325B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3325RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3325RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3326B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3326B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3326RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3326RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3327B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3327B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3327RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3327RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3328B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3328RB                    | NS           | CDWR                                         | 19500-2782-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3329B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3329B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3329RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3329RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3330B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3330B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3330RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3330RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3331B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3331B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3331RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3331RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3332B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3332B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3332RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3332RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3333B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3333B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3333RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3333RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3334B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3334B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3334RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3334RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3335B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3335B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3335RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3335RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3336B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N3336B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3336RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3336RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3337B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3337B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3337RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3337RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3338B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3338B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3338RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3338RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3339B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3339B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3339RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3339RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3340B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3340B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3340RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3340RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3341B                     | NS           | CDWR                                         | 19500-3107-11                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3341RB                    | NS           | CDWR                                         | 19500-3107-11                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3342B                     | NS           | CDWR                                         | 19500-3107-11                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3342RB                    | NS           | CDWR                                         | 19500-3107-11                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3343B                     | NS           | CDWR                                         | 19500-3107-11                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3343RB                    | NS           | CDWR                                         | 19500-3107-11                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3344B                     | NS           | CDWR                                         | 19500-3107-11                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3344RB                    | NS           | CDWR                                         | 19500-3107-11                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3345B                     | NS           | CDWR                                         | 19500-3107-11                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3345RB                    | NS           | CDWR                                         | 19500-3107-11                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3346B                     | NS           | CDWR                                         | 19500-3107-11                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3346RB                    | NS           | CDWR                                         | 19500-3107-11                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3347B                     | NS           | CDWR                                         | 19500-3107-11                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3347RB                    | NS           | CDWR                                         | 19500-3107-11                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3348B                     | NS           | CDWR                                         | 19500-3107-11                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3348RB                    | NS           | CDWR                                         | 19500-3107-11                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3349B                     | NS           | CDWR                                         | 19500-3107-11                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3349RB                    | NS           | CDWR                                         | 19500-3107-11                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3350B                     | NS           | CDWR                                         | 19500-3107-11                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3350RB                    | NS           | CDWR                                         | 19500-3107-11                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCB 1N3595                  |              | CDWR                                         | 19500-1933-07                         | /241                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCB 1N3595                  |              | CDWR                                         | 19500-1933-07                         | /241                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N3595-1                     | 3A           | CQN                                          | 19500-3539-12                         | /241                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N3595-1                    | NS           | CDWR                                         | 19500-2286-08                         | /241                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N3595-1                     | 3            | CDWR                                         | 19500-3283-11                         | /241                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3595-1                    | 3A           | CQN                                          | 19500-3539-12                         | /241                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N3595A-1                   | NS           | CDWR                                         | 19500-2286-08                         | /241                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N3595A-1                    | 3            | CDWR                                         | 19500-3283-11                         | /241                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3595AUR-1                 | NS           | CDWR                                         | 19500-2286-08                         | /241                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N3595AUS                    | 3            | CDWR                                         | 19500-3283-11                         | /241                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3595AUS                   | 3            | CDWR                                         | 19500-3283-11                         | /241                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3595UR-1                  | NS           | CDWR                                         | 19500-2286-08                         | /241                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N3595US                     | 3            | CDWR                                         | 19500-3283-11                         | /241                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3595US                    | 3A           | CQN                                          | 19500-3539-12                         | /241                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N3595US                     | 3A           | CQN                                          | 19500-3539-12                         | /241                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N3595US                    | 3            | CDWR                                         | 19500-3283-11                         | /241                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3600                      | 3A           | CHRC                                         | 19500-2767-10                         | /231                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N3600                      | 3A           | CDWR                                         | 19500-2377-08                         | /231                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| * 1N3611                       | NS           | CDBV                                         | 19500-2464-09                         | /228                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| * 1N3611                       | 3B           | CQN                                          | 19500-2991-10                         | /228                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| * 1N3611 3/                    | NS           | CDBV                                         | 19500-128-02                          | /228                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| * 1N3611 6/                    | NS           | CDWR                                         | 19500-3919-13                         | /228                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| * 1N3612                       | 3B           | CQN                                          | 19500-2991-10                         | /228                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| * 1N3612                       | NS           | CDBV                                         | 19500-2464-09                         | /228                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| * 1N3612 3/                    | NS           | CDBV                                         | 19500-128-02                          | /228                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| * 1N3612 6/                    | NS           | CDWR                                         | 19500-3919-13                         | /228                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| * 1N3613                       | 3B           | CQN                                          | 19500-2991-10                         | /228                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| * 1N3613                       | NS           | CDBV                                         | 19500-2464-09                         | /228                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| * 1N3613 3/                    | NS           | CDBV                                         | 19500-128-02                          | /228                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| * 1N3613 6/                    | NS           | CDWR                                         | 19500-3919-13                         | /228                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| * 1N3614                       | 3B           | CQN                                          | 19500-2991-10                         | /228                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| * 1N3614                       | NS           | CDBV                                         | 19500-2464-09                         | /228                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| * 1N3614 6/                    | NS           | CDWR                                         | 19500-3919-13                         | /228                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| * 1N3644                       | NS           | CDWR                                         | 19500-3708-13                         | /279                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| * 1N3644 4/                    | NS           | CDBV                                         | 19500-1250-05                         | /279                 | DMS                          | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| * 1N3644 5/                    | NS           | CCZL                                         | 19500-2280-08                         | /279                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| * 1N3645                       | NS           | CDWR                                         | 19500-3708-13                         | /279                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| * 1N3645 4/                    | NS           | CDBV                                         | 19500-1250-05                         | /279                 | DMS                          | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| * 1N3645 5/                    | NS           | CCZL                                         | 19500-2280-08                         | /279                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| * 1N3646                       | NS           | CDWR                                         | 19500-3708-13                         | /279                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| * 1N3646 4/                    | NS           | CDBV                                         | 19500-1250-05                         | /279                 | DMS                          | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| * 1N3646 5/                    | NS           | CCZL                                         | 19500-2280-08                         | /279                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| * 1N3647                       | NS           | CDWR                                         | 19500-3708-13                         | /279                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| * 1N3647 4/                    | NS           | CDBV                                         | 19500-1250-05                         | /279                 | DMS                          | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| * 1N3647 5/                    | NS           | CCZL                                         | 19500-2280-08                         | /279                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N3649                      | 3B           | CDWR                                         | 19500-2276-08                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JAN 1N3649 3/                  | 3B           | CDWR                                         | 19500-1895-07                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N3649AR                    | 3B           | CDWR                                         | 19500-2276-08                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JAN 1N3649R 3/                 | 3B           | CDWR                                         | 19500-1895-07                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N3650                      | 3B           | CDWR                                         | 19500-2276-08                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JAN 1N3650 3/                  | 3B           | CDWR                                         | 19500-1895-07                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N3650AR                    | 3B           | CDWR                                         | 19500-2276-08                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JAN 1N3650R 3/                 | 3B           | CDWR                                         | 19500-1895-07                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N3671A                     | NS           | CSES                                         | 19500-951-04                          | /260                 | D                            | 31338                                              | Semitronics Corporation                 |
| ** 1N3671A                     | 3B           | CDWR                                         | 19500-2276-08                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3671A 3/                  | 3B           | CDWR                                         | 19500-1895-07                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N3671AR                    | NS           | CSES                                         | 19500-951-04                          | /260                 | D                            | 31338                                              | Semitronics Corporation                 |
| ** 1N3671AR                    | 3B           | CDWR                                         | 19500-2276-08                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3671R 3/                  | 3B           | CDWR                                         | 19500-1895-07                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N3673A                     | NS           | CSES                                         | 19500-951-04                          | /260                 | D                            | 31338                                              | Semitronics Corporation                 |
| ** 1N3673A                     | 3B           | CDWR                                         | 19500-2276-08                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3673AR                    | 3B           | CDWR                                         | 19500-2276-08                         | /260                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3673AR                    | NS           | CSES                                         | 19500-951-04                          | /260                 | D                            | 31338                                              | Semitronics Corporation                 |
| ** 1N3766                      | 3B           | CDWR                                         | 19500-2466-09                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3766                      | NS           | CSES                                         | 19500-1037-04                         | /297                 | D                            | 31338                                              | Semitronics Corporation                 |
| ** 1N3766 3/                   | 3B           | CDWR                                         | 19500-1895-07                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N3766R                     | 3B           | CDWR                                         | 19500-2466-09                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3766R                     | NS           | CSES                                         | 19500-1037-04                         | /297                 | D                            | 31338                                              | Semitronics Corporation                 |
| ** 1N3766R 3/                  | 3B           | CDWR                                         | 19500-1895-07                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N3768                      | 3B           | CDWR                                         | 19500-2466-09                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3768                      | NS           | CSES                                         | 19500-1037-04                         | /297                 | D                            | 31338                                              | Semitronics Corporation                 |
| ** 1N3768R                     | 3B           | CDWR                                         | 19500-2466-09                         | /297                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3768R                     | NS           | CSES                                         | 19500-1037-04                         | /297                 | D                            | 31338                                              | Semitronics Corporation                 |
| ** 1N3821A-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N3821AUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N3821C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3821CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3821D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3821DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3822A-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3822AUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3822C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3822CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3822D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3822DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3823A-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3823AUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3823C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3823CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3823D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3823DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3824A-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3824AUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3824C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3824CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3824D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3824DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3825A-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3825AUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3825C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3825CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3825D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3825DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3826A-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3826AUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3826C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3826CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3826D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3826DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3827A-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3827AUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3827C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3827CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3827D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3827DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3828A-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3828AUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3828C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3828CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3828D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3828DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /115                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N3890                      | 3B           | CDWR                                         | 19500-2251-08                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3890 3/                   | 3B           | CDWR                                         | 19500-1981-07                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| ** 1N3890A                     | 3B           | CDWR                                         | 19500-2251-08                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3890A 3/                  | 3B           | CDWR                                         | 19500-1981-07                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| ** 1N3890AR                    | 3B           | CDWR                                         | 19500-2251-08                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3890AR 3/                 | 3B           | CDWR                                         | 19500-1981-07                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| ** 1N3890R                     | 3B           | CDWR                                         | 19500-2251-08                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3890R 3/                  | 3B           | CDWR                                         | 19500-1981-07                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| ** 1N3891                      | 3B           | CDWR                                         | 19500-2251-08                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 1N3891 3/                   | 3B           | CDWR                                         | 19500-1981-07                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (13)        |
| ** 1N3891A                     | 3B           | CDWR                                         | 19500-2251-08                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (11)        |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N3891A 3/                  | 3B           | CDWR                                         | 19500-1981-07                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N3891AR                    | 3B           | CDWR                                         | 19500-2251-08                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3891AR 3/                 | 3B           | CDWR                                         | 19500-1981-07                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N3891R                     | 3B           | CDWR                                         | 19500-2251-08                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3891R 3/                  | 3B           | CDWR                                         | 19500-1981-07                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N3893                      | 3B           | CDWR                                         | 19500-2251-08                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3893 3/                   | 3B           | CDWR                                         | 19500-1981-07                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N3893A                     | 3B           | CDWR                                         | 19500-2251-08                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3893A 3/                  | 3B           | CDWR                                         | 19500-1981-07                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N3893AR                    | 3B           | CDWR                                         | 19500-2251-08                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3893AR 3/                 | 3B           | CDWR                                         | 19500-1981-07                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N3893R                     | 3B           | CDWR                                         | 19500-2251-08                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3893R 3/                  | 3B           | CDWR                                         | 19500-1981-07                         | /304                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N3909                      | 3B           | CDWR                                         | 19500-2251-08                         | /308                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3909A                     | 3B           | CDWR                                         | 19500-2251-08                         | /308                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3909AR                    | 3B           | CDWR                                         | 19500-2251-08                         | /308                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3909R                     | 3B           | CDWR                                         | 19500-2251-08                         | /308                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3910                      | 3B           | CDWR                                         | 19500-2251-08                         | /308                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3910A                     | 3B           | CDWR                                         | 19500-2251-08                         | /308                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3910AR                    | 3B           | CDWR                                         | 19500-2251-08                         | /308                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3910R                     | 3B           | CDWR                                         | 19500-2251-08                         | /308                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3911                      | 3B           | CDWR                                         | 19500-2251-08                         | /308                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3911A                     | 3B           | CDWR                                         | 19500-2251-08                         | /308                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3911AR                    | 3B           | CDWR                                         | 19500-2251-08                         | /308                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3911R                     | 3B           | CDWR                                         | 19500-2251-08                         | /308                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3912                      | 3B           | CDWR                                         | 19500-2251-08                         | /308                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3912A                     | 3B           | CDWR                                         | 19500-2251-08                         | /308                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3912AR                    | 3B           | CDWR                                         | 19500-2251-08                         | /308                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3912R                     | 3B           | CDWR                                         | 19500-2251-08                         | /308                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3913                      | 3B           | CDWR                                         | 19500-2251-08                         | /308                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3913A                     | 3B           | CDWR                                         | 19500-2251-08                         | /308                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3913AR                    | 3B           | CDWR                                         | 19500-2251-08                         | /308                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N3913R                     | 3B           | CDWR                                         | 19500-2251-08                         | /308                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| * 1N3957                       | NS           | CDBV                                         | 19500-2464-09                         | /228                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| * 1N3957                       | 3B           | CQN                                          | 19500-2991-10                         | /228                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| * 1N3957 6/                    | NS           | CDWR                                         | 19500-3919-13                         | /228                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N3993A                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N3993A                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N3993RA                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N3993RA                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N3994A                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N3994A                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N3994RA                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N3994RA                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N3995A                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N3995A                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N3995RA                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N3995RA                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N3996A                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N3996A                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N3996RA                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N3996RA                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N3997A                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N3997A                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N3997RA                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N3997RA                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N3998A                     | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N3998A                     | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3998RA                    | NS           | CDWR                                         | 19500-2296-08                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N3998RA                    | NS           | CDWR                                         | 19500-2874-10                         | /124                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| JANHCA 1N4099                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4099                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4099-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4099-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4099-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4099-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4099-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4099-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| JANHCC 1N4099C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4099C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4099C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4099C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4099C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4099C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4099C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4099C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4099CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4099CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4099CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4099CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4099D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4099D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4099D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4099D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4099D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4099D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4099D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4099D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4099DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4099DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4099DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4099DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4099UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4099UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4099UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4099UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4099UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4099UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4100                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4100                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4100-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4100-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4100-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4100-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4100-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4100-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4100C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4100C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4100C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4100C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4100C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4100C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4100C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4100C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N4100CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4100CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4100CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4100CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4100D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4100D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4100D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4100D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4100D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4100D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4100D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4100D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4100DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4100DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4100DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4100DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4100UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4100UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4100UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4100UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4100UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4100UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| JANHCA 1N4101                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4101                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4101-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4101-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4101-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4101-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4101-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4101-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| JANKCC 1N4101C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4101C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4101C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4101C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4101C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4101C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4101C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4101C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4101CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4101CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4101CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4101CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4101D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4101D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4101D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4101D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4101D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4101D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4101D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4101D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4101DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4101DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4101DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4101DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4101UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4101UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4101UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N4101UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4101UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4101UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| JANKCA 1N4102                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4102                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4102-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4102-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4102-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4102-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4102-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4102-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4102C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4102C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4102C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4102C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4102C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4102C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4102C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4102C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4102CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4102CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4102CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4102CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4102D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4102D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4102D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4102D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4102D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4102D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4102D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4102D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4102DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4102DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4102DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4102DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4102UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4102UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4102UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4102UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4102UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| JANHCA 1N4103                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4103                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4103-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4103-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4103-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4103-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4103-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4103-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| JANHCA 1N4103C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4103C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4103C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4103C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4103C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4103C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4103C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4103C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N4103CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4103CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4103CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4103CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4103D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4103D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4103D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4103D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4103D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4103D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4103D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4103D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4103DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4103DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4103DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4103DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4103UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4103UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4103UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4103UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4103UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4103UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4104                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4104                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4104-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4104-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4104-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4104-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4104-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4104-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4104C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4104C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4104C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4104C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4104C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4104C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4104C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4104C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4104CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4104CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4104CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4104CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4104D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4104D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4104D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4104D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4104D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4104D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4104D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4104D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4104DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4104DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4104DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4104DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4104UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4104UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4104UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N4104UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4104UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4104UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| JANKCA 1N4105                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4105                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4105-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4105-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4105-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4105-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4105-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4105-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4105C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4105C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4105C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4105C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4105C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4105C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4105C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4105C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4105CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4105CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4105CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4105CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4105D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4105D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4105D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4105D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4105D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4105D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4105D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4105D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4105DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4105DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4105DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4105DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4105UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4105UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4105UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4105UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4105UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4105UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4106                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4106                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4106-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4106-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4106-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4106-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4106-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4106-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4106C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4106C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4106C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4106C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4106C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4106C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4106C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4106C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N4106CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4106CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4106CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4106CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4106D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4106D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4106D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4106D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4106D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4106D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4106D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4106D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4106DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4106DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4106DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4106DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4106UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4106UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4106UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4106UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4106UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4106UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| JANHCA 1N4107                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4107                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4107-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4107-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4107-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4107-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4107-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4107-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| JANHCC 1N4107C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4107C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4107C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4107C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4107C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4107C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4107C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4107C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4107CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4107CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4107CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4107CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4107D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4107D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4107D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4107D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4107D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4107D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4107D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4107D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4107DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4107DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4107DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4107DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4107UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4107UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4107UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N4107UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4107UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4107UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| JANHCA 1N4108                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4108                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4108-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4108-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4108-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4108-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4108-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4108-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4108C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4108C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4108C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4108C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4108C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4108C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4108C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4108C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4108CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4108CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4108CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4108CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4108D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4108D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4108D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4108D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4108D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4108D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4108D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4108D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4108DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4108DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4108DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4108DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4108UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4108UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4108UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4108UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4108UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4108UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| JANKCA 1N4109                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4109                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4109-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4109-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4109-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4109-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4109-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4109-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4109C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4109C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4109C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4109C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4109C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4109C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4109C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4109C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N4109CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4109CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4109CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4109CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4109D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4109D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4109D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4109D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4109D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4109D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4109D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4109D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4109DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4109DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4109DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4109DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4109UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4109UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4109UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4109UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4109UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4109UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4110                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4110                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4110-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4110-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4110-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4110-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4110-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4110-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| JANKCA 1N4110C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4110C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4110C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4110C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4110C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4110C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4110C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4110C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4110CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4110CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4110CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4110CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4110D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4110D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4110D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4110D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4110D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4110D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4110D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4110D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4110DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4110DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4110DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4110DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4110UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4110UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4110UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N4110UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4110UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4110UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4111                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4111                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4111-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4111-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4111-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4111-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4111-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4111-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4111C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4111C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4111C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4111C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4111C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4111C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4111C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4111C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4111CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4111CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4111CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4111CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4111D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4111D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4111D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4111D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4111D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4111D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4111D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4111D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4111DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4111DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4111DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4111DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4111UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4111UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4111UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4111UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4111UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4111UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4112                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4112                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4112-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4112-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4112-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4112-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4112-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4112-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4112C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4112C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4112C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4112C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4112C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4112C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4112C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4112C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N4112CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4112CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4112CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4112CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4112D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4112D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4112D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4112D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4112D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4112D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4112D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4112D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4112DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4112DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4112DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4112DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4112UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4112UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4112UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4112UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4112UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4112UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| JANKCA 1N4113                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4113                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4113-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4113-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4113-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4113-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4113-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4113-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| JANHCA 1N4113C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4113C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4113C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4113C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4113C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4113C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4113C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4113C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4113CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4113CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4113CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4113CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4113D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4113D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4113D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4113D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4113D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4113D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4113D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4113D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4113DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4113DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4113DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4113DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4113UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4113UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4113UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N4113UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4113UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4113UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4114                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4114                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4114-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4114-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4114-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4114-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4114-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4114-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| JANKCC 1N4114C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4114C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4114C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4114C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4114C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4114C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4114C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4114C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4114CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4114CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4114CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4114CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4114D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4114D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4114D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4114D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4114D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4114D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4114D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4114D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4114DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4114DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4114DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4114DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4114UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4114UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4114UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Microsemi Lawrence (1)         |
| S 1N4114UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4114UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4114UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4115                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4115                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4115-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4115-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4115-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4115-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4115-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4115-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| JANHCC 1N4115C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4115C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4115C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4115C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4115C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4115C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4115C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4115C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N4115CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4115CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4115CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4115CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4115D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4115D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4115D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4115D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4115D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4115D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4115D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4115D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4115DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4115DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4115DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4115DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4115UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4115UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4115UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4115UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4115UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4115UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4116                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4116                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4116-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4116-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4116-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4116-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4116-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4116-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4116C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4116C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4116C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4116C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4116C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4116C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4116C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4116C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4116CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4116CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4116CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4116CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4116D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4116D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4116D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4116D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4116D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4116D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4116D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4116D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4116DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4116DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4116DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4116DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4116UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4116UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4116UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N4116UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4116UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4116UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4117                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4117                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4117-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4117-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4117-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4117-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4117-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4117-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| JANHCC 1N4117C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4117C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4117C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4117C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4117C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4117C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4117C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4117C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4117CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4117CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4117CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4117CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4117D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4117D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4117D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4117D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4117D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4117D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4117D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4117D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4117DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4117DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4117DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4117DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4117UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4117UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4117UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4117UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4117UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4117UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4118                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4118                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4118-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4118-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4118-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4118-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4118-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4118-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4118C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4118C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4118C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4118C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4118C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4118C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4118C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4118C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N4118CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4118CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4118CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4118CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4118D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4118D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4118D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4118D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4118D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4118D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4118D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4118D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4118DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4118DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4118DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4118DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4118UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4118UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4118UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4118UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4118UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4118UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4119                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4119                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4119-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4119-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4119-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4119-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4119-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4119-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| JANHCC 1N4119C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4119C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4119C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4119C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4119C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4119C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4119C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4119C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4119CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4119CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4119CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4119CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4119D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4119D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4119D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4119D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4119D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4119D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4119D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4119D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4119DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4119DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4119DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4119DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4119UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4119UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4119UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N4119UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4119UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4119UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| JANKCA 1N4120                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4120                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4120-1                     | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N4120-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4120-1                    | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4120-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4120-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4120-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4120C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4120C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4120C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4120C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4120C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4120C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4120C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4120C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4120CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4120CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4120CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4120CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4120D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4120D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4120D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4120D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4120D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4120D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4120D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4120D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4120DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4120DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4120DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4120DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4120UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4120UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4120UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4120UR-1                  | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N4120UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4120UR-1                   | 3B           | CQN                                          | 19500-3582-12                         | /435                 | D                            | 13409                                              | Sensitron Semiconductor        |
| JANKCA 1N4121                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4121                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4121-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4121-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4121-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4121-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4121C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4121C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4121C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4121C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4121C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4121C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4121C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4121C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4121CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4121CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N4121CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4121CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4121D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4121D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4121D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4121D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4121D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4121D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4121D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4121D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4121DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4121DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4121DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4121DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4121UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4121UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4121UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4121UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4122                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4122                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4122-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4122-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4122-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4122-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4122C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4122C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4122C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4122C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4122C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4122C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4122C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4122C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4122CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4122CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4122CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4122CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4122D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4122D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4122D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4122D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4122D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4122D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4122D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4122D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4122DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4122DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4122DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4122DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4122UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4122UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4122UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4122UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4123                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4123                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4123-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4123-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4123-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N4123-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4123C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4123C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4123C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4123C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4123C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4123C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4123C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4123C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4123CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4123CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4123CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4123CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4123D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4123D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4123D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4123D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4123D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4123D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4123D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4123D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4123DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4123DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4123DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4123DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4123UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4123UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4123UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4123UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4124                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4124                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4124-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4124-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4124-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4124-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4124C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4124C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4124C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4124C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4124C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4124C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4124C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4124C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4124CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4124CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4124CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4124CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4124D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4124D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4124D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4124D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4124D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4124D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4124D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4124D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4124DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4124DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N4124DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4124DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4124UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4124UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4124UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4124UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4125                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4125                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4125-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4125-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4125-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4125-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4125C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4125C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4125C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4125C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4125C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4125C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4125C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4125C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4125CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4125CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4125CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4125CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4125D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4125D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4125D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4125D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4125D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4125D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4125D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4125D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4125DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4125DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4125DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4125DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4125UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4125UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4125UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4125UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4126                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4126                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4126-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4126-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4126-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4126-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4126C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4126C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4126C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4126C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4126C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4126C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4126C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4126C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4126CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4126CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4126CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N4126CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4126D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4126D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4126D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4126D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4126D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4126D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4126D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4126D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4126DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4126DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4126DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4126DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4126UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4126UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4126UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4126UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4127                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4127                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4127-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4127-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4127-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4127-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4127C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4127C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4127C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4127C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4127C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4127C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4127C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4127C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4127CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4127CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4127CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4127CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4127D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4127D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4127D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4127D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4127D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4127D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4127D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4127D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4127DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4127DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4127DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4127DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4127UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4127UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4127UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4127UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4128                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4128                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4128-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4128-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4128-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4128-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JANKCA 1N4128C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4128C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4128C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4128C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4128C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4128C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4128C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4128C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4128CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4128CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4128CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4128CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4128D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4128D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4128D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4128D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4128D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4128D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4128D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4128D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4128DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4128DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4128DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4128DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4128UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4128UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4128UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4128UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4129                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4129                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4129-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4129-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4129-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4129-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4129C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4129C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4129C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4129C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4129C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4129C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4129C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4129C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4129CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4129CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4129CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4129CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4129D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4129D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4129D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4129D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4129D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4129D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4129D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4129D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4129DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4129DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4129DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N4129DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4129UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4129UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4129UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4129UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4130                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4130                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4130-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4130-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4130-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4130-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4130C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4130C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4130C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4130C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4130C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4130C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4130C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4130C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4130CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4130CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4130CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4130CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4130D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4130D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4130D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4130D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4130D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4130D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4130D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4130D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4130DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4130DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4130DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4130DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4130UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4130UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4130UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4130UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4131                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4131                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4131-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4131-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4131-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4131-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4131C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4131C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4131C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4131C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4131C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4131C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4131C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4131C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4131CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4131CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4131CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4131CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JANKCA 1N4131D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4131D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4131D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4131D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4131D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4131D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4131D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4131D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4131DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4131DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4131DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4131DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4131UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4131UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4131UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4131UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4132                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4132                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4132-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4132-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4132-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4132-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4132C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4132C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4132C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4132C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4132C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4132C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4132C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4132C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4132CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4132CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4132CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4132CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4132D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4132D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4132D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4132D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4132D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4132D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4132D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4132D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4132DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4132DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4132DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4132DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4132UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4132UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4132UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4132UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4133                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4133                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4133-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4133-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4133-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4133-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4133C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JANKCC 1N4133C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4133C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4133C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4133C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4133C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4133C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4133C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4133CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4133CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4133CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4133CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4133D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4133D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4133D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4133D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4133D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4133D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4133D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4133D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4133DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4133DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4133DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4133DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4133UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4133UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4133UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4133UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4134                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4134                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4134-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4134-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4134-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4134-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4134C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4134C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4134C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4134C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4134C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4134C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4134C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4134C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4134CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4134CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4134CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4134CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4134D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4134D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4134D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4134D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4134D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4134D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4134D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4134D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4134DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4134DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4134DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4134DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N4134UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4134UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4134UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4134UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4135                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4135                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4135-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4135-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4135-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4135-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4135C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4135C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4135C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4135C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4135C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4135C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4135C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4135C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4135CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4135CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4135CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4135CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4135D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4135D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4135D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4135D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4135D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4135D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4135D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4135D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4135DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4135DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4135DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4135DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4135UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4135UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4135UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4135UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4148                  |              | CDWR                                         | 19500-1265-05                         | /116                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCB 1N4148                  |              | CHRC                                         | 19500-3711-13                         | /116                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4148                  |              | CDWR                                         | 19500-1265-05                         | /116                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCB 1N4148                  |              | CHRC                                         | 19500-3711-13                         | /116                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4148-1                    | 3A           | CHRC                                         | 19500-2767-10                         | /116                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4148-1                    | 3A           | CDWR                                         | 19500-2377-08                         | /116                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4148UB                    | 3B           | CDWR                                         | 19500-1265-05                         | /116                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4148UB                    | 3B           | CHRC                                         | 19500-3667-12                         | /116                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4148UB2                   | 3B           | CDWR                                         | 19500-1265-05                         | /116                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4148UB2                   | 3B           | CHRC                                         | 19500-3667-12                         | /116                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4148UB2R                  | 3B           | CHRC                                         | 19500-3667-12                         | /116                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4148UB2R                  | 3B           | CDWR                                         | 19500-1265-05                         | /116                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4148UBCA                  | 3B           | CDWR                                         | 19500-3715-13                         | /116                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4148UBCA                  | 3B           | CDWR                                         | 19500-1265-05                         | /116                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4148UBCA                  | 3B           | CHRC                                         | 19500-3667-12                         | /116                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4148UBCC                  | 3B           | CHRC                                         | 19500-3667-12                         | /116                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4148UBCC                  | 3B           | CDWR                                         | 19500-2220-08                         | /116                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4148UBCC                  | 3B           | CDWR                                         | 19500-3715-13                         | /116                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4148UBCCC                 | 3B           | CDWR                                         | 19500-2220-08                         | /116                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N4148UBCD                  | 3B           | CDWR                                         | 19500-2220-08                         | /116                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4148UBCD                  | 3B           | CDWR                                         | 19500-3715-13                         | /116                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4148UBD                   | 3B           | CDWR                                         | 19500-1265-05                         | /116                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4148UBD                   | 3B           | CHRC                                         | 19500-3667-12                         | /116                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N4148UR-1                  | 3A           | CHRC                                         | 19500-2767-10                         | /116                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N4148UR-1                  | 3A           | CDWR                                         | 19500-2377-08                         | /116                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4150-1                    | 3A           | CHRC                                         | 19500-2767-10                         | /231                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N4150-1                    | 3A           | CDWR                                         | 19500-2377-08                         | /231                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4150UB                    | 3B           | CHRC                                         | 19500-3667-12                         | /231                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N4150UBCA                  | 3B           | CHRC                                         | 19500-3667-12                         | /231                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N4150UBD                   | 3B           | CHRC                                         | 19500-3667-12                         | /231                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N4150UR-1                  | 3A           | CHRC                                         | 19500-2767-10                         | /231                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N4150UR-1                  | 3A           | CDWR                                         | 19500-2377-08                         | /231                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4153-1                    | 3A           | CDWR                                         | 19500-2377-08                         | /337                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4153UR-1                  | 3A           | CDWR                                         | 19500-2377-08                         | /337                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4245                      | NS           | CDBV                                         | 19500-2464-09                         | /286                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4245                      | 3B           | CQN                                          | 19500-2991-10                         | /286                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4245 3/                   | NS           | CDBV                                         | 19500-128-02                          | /286                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N4245 6/                   | NS           | CDWR                                         | 19500-3919-13                         | /286                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4246                      | 3B           | CQN                                          | 19500-2991-10                         | /286                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4246                      | NS           | CDBV                                         | 19500-2464-09                         | /286                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4246 3/                   | NS           | CDBV                                         | 19500-128-02                          | /286                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N4246 6/                   | NS           | CDWR                                         | 19500-3919-13                         | /286                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4247                      | 3B           | CQN                                          | 19500-2991-10                         | /286                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4247                      | NS           | CDBV                                         | 19500-2464-09                         | /286                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4247 3/                   | NS           | CDBV                                         | 19500-128-02                          | /286                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N4247 6/                   | NS           | CDWR                                         | 19500-2433-09                         | /286                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4248                      | NS           | CDBV                                         | 19500-2464-09                         | /286                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4248                      | 3B           | CQN                                          | 19500-2991-10                         | /286                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4248 6/                   | NS           | CDWR                                         | 19500-3919-13                         | /286                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4249                      | NS           | CDBV                                         | 19500-2464-09                         | /286                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4249                      | 3B           | CQN                                          | 19500-2991-10                         | /286                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4249 6/                   | NS           | CDWR                                         | 19500-3919-13                         | /286                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCC 1N4370A                 | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANHCC 1N4370A                 | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANKCA 1N4370A                 |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCA 1N4370A                 |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4370A-1                   | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4370A-1                   | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N4370AUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N4370AUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCA 1N4370C                 |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCC 1N4370C                 | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANKCA 1N4370C                 |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCC 1N4370C                 | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N4370C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4370C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N4370CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N4370CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCA 1N4370D                 |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCC 1N4370D                 | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANKCA 1N4370D                 |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCC 1N4370D                 | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N4370D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4370D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N4370DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N4370DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JANHCA 1N4371A                 |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4371A                 | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4371A                 |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4371A                 | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4371A-1                   | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4371A-1                   | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4371AUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4371AUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4371C                 |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4371C                 | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4371C                 | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4371C                 |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4371C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4371C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4371CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4371CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4371D                 | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4371D                 |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4371D                 |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4371D                 | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4371D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4371D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4371DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4371DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4372A                 |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4372A                 | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4372A                 | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4372A                 |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4372A-1                   | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4372A-1                   | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4372AUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4372AUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4372C                 |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4372C                 | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4372C                 |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4372C                 | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4372C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4372C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4372CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4372CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4372D                 |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4372D                 | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4372D                 | NA           | CHRC                                         | 19500-3482-12                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4372D                 |              | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4372D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4372D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4372DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /127                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4372DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /127                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4454-1                    | 3A           | CHRC                                         | 19500-2767-10                         | /144                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4454-1                    | 3A           | CDWR                                         | 19500-2377-08                         | /144                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4454UB                    | 3B           | CHRC                                         | 19500-3667-12                         | /144                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4454UBCA                  | 3B           | CHRC                                         | 19500-3667-12                         | /144                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4454UBCC                  | 3B           | CHRC                                         | 19500-3667-12                         | /144                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4454UBD                   | 3B           | CHRC                                         | 19500-3667-12                         | /144                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4454UR-1                  | 3A           | CDWR                                         | 19500-2377-08                         | /144                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4454UR-1                  | 3A           | CHRC                                         | 19500-2767-10                         | /144                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| * 1N4458                       | NS           | CSES                                         | 19500-2694-10                         | /162                 | D                            | 31338                                              | Semitronics Corporation        |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| * 1N4458                       | 3B           | CDWR                                         | 19500-2276-08                         | /162                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| * 1N4458 3/                    | 3B           | CDWR                                         | 19500-1895-07                         | /162                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| * 1N4458R                      | 3B           | CDWR                                         | 19500-2276-08                         | /162                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| * 1N4458R                      | NS           | CSES                                         | 19500-2694-10                         | /162                 | D                            | 31338                                              | Semitronics Corporation                 |
| * 1N4458R 3/                   | 3B           | CDWR                                         | 19500-1895-07                         | /162                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| * 1N4459                       | 3B           | CDWR                                         | 19500-2276-08                         | /162                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| * 1N4459                       | NS           | CSES                                         | 19500-2694-10                         | /162                 | D                            | 31338                                              | Semitronics Corporation                 |
| * 1N4459 3/                    | 3B           | CDWR                                         | 19500-1895-07                         | /162                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| * 1N4459R                      | NS           | CSES                                         | 19500-2694-10                         | /162                 | D                            | 31338                                              | Semitronics Corporation                 |
| * 1N4459R                      | 3B           | CDWR                                         | 19500-2276-08                         | /162                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| * 1N4459R 3/                   | 3B           | CDWR                                         | 19500-1895-07                         | /162                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| S 1N4460                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4460                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4460                      | NS           | CDBV                                         | 19500-3751-13                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4460                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4460                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4460                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4460                       | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4460C                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4460C                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4460CUS                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4460CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4460D                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4460D                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4460DUS                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4460DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4460US                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4460US                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4460US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| S 1N4460US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4460US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4460US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4461                      | NS           | CDBV                                         | 19500-3751-13                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4461                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4461                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4461                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4461                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4461                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4461                       | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4461C                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4461C                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4461CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4461CUS                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4461D                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4461D                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4461DUS                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4461DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4461US                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4461US                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4461US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4461US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| ** 1N4461US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4461US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4462                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| D7** 1N4462                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4462                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4462                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N4462                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4462C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4462C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4462CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4462CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4462D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4462D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4462DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4462DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4462US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| S 1N4462US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4462US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4462US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4463                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4463                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4463                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4463                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4463                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4463C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4463C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4463CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4463CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4463D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4463D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4463DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4463DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4463US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| ** 1N4463US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4463US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4463US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4464                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4464                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4464                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4464                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4464                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4464C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4464C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4464CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4464CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4464D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4464D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4464DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4464DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4464US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4464US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4464US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| ** 1N4464US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4465                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4465                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4465                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4465                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4465                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4465C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4465C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4465CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4465CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4465D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N4465D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4465DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4465DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4465US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4465US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| ** 1N4465US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4465US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4466                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4466                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4466                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4466                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4466                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4466C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4466C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4466CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4466D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4466D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4466DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4466US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4466US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| S 1N4466US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4466US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4467                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4467                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4467                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4467                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4467                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4467                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4467                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4467C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4467C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4467CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4467CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4467D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4467D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4467DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4467DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4467US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| ** 1N4467US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4467US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4467US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4467US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4467US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4468                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4468                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4468                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4468                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4468                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4468                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4468                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4468C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4468C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4468CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4468CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4468D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4468D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4468DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N4468DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4468US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| S 1N4468US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4468US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4468US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4468US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4468US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4469                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4469                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4469                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4469                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4469                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4469                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4469                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4469C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4469C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4469CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4469CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4469D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4469D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4469DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4469DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4469US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4469US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4469US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4469US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4469US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| ** 1N4469US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4470                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4470                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4470                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4470                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4470                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4470                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4470                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4470C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4470C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4470CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4470CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4470D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4470D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4470DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4470DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4470US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4470US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4470US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4470US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| ** 1N4470US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4470US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4471                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4471                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4471                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4471                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4471                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4471                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4471                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4471C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N4471C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4471CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4471CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4471D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4471D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4471DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4471DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4471US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4471US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| S 1N4471US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4471US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4471US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4471US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4472                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4472                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4472                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4472                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4472                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4472                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4472                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4472C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4472C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4472CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4472CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4472D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4472D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| D7** 1N4472DUS                 | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4472DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4472US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4472US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| ** 1N4472US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4472US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4472US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4472US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4473                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4473                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4473                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4473                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4473                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4473                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4473                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4473C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4473C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4473CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4473CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4473D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4473D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4473DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4473DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4473US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4473US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4473US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4473US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4473US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4473US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4473US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| S 1N4474                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N4474                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4474                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4474                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4474                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4474                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4474                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4474C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4474C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4474CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4474CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4474D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4474D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4474DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4474DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4474US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4474US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4474US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4474US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4474US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4474US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| S 1N4475                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4475                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4475                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4475                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4475                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4475                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4475                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4475C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4475C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4475CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4475CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4475D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4475D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4475DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4475DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4475US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4475US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4475US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4475US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| ** 1N4475US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4475US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4476                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4476                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4476                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4476                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4476                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4476                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4476                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4476C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4476C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4476CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4476CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4476D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4476D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4476DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4476DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4476US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N4476US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4476US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| S 1N4476US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4476US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4476US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4477                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4477                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4477                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4477                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4477                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4477                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4477                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4477C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4477C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4477CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4477CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4477D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4477D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4477DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4477DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4477US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4477US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4477US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4477US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4477US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4477US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| ** 1N4478                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4478                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4478                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4478                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4478                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4478                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4478                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4478C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4478C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4478CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4478CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4478D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4478D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4478DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4478DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4478US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| S 1N4478US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4478US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4478US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4478US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4478US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4479                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4479                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4479                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4479                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4479                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4479                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4479                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4479C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4479C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4479CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N4479CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4479D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4479D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4479DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4479DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4479US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4479US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4479US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| ** 1N4479US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4479US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4479US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4480                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4480                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4480                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4480                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4480                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4480                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4480                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4480C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4480C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4480CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4480CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4480D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4480D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4480DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4480DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4480US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4480US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4480US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4480US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4480US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| ** 1N4480US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4481                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4481                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4481                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4481                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4481                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4481                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4481                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4481C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4481C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4481CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4481CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4481D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4481D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4481DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4481DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4481US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4481US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4481US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4481US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| S 1N4481US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4481US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4482                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4482                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4482                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4482                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N4482                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4482                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4482                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4482C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4482C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4482CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4482CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4482D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4482D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4482DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4482DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4482US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4482US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4482US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4482US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| ** 1N4482US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4482US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4483                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4483                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4483                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4483                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4483                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4483                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4483                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4483C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4483C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4483CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4483CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4483D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4483D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4483DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4483DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4483US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| S 1N4483US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4483US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4483US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4483US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4483US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4484                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4484                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4484                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4484                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4484                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4484                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4484                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4484C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4484C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4484CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4484CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4484D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4484D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4484DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4484DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4484US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4484US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4484US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4484US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N4484US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4484US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| S 1N4485                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4485                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4485                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4485                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4485                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4485                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4485                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4485C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4485C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4485CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4485CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4485D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4485D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4485DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4485DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4485US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4485US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4485US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4485US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4485US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| S 1N4485US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4486                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4486                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4486                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4486                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4486                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4486                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4486                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4486C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4486C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4486CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4486CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4486D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4486D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4486DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4486DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4486US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4486US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4486US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4486US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| ** 1N4486US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4486US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4487                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4487                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4487                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4487                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4487                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4487                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4487                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4487C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4487C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4487CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4487CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4487D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4487D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N4487DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4487DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4487US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4487US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4487US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4487US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4487US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4487US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| ** 1N4488                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4488                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4488                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4488                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4488                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4488                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4488                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4488C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4488C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4488CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4488CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4488D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4488D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4488DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4488DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4488US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4488US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| ** 1N4488US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4488US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4488US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4488US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4489                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4489                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4489                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4489                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4489                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4489                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4489                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4489C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4489C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4489CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4489CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4489D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4489D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4489DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4489DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4489US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4489US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4489US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4489US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4489US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| S 1N4489US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4490                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4490                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4490                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4490                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4490                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4490                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4490                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N4490C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4490C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4490CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4490CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4490D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4490D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4490DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4490DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4490US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| ** 1N4490US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4490US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4490US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4490US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4490US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4491                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4491                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4491                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4491                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4491                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4491                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4491                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4491C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4491C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4491CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4491CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4491D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4491D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4491DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4491DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4491US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4491US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4491US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4491US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4491US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4491US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| S 1N4492                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4492                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4492                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4492                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4492                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4492                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4492                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4492C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4492C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4492CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4492CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4492D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4492D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4492DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4492DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4492US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4492US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4492US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4492US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| ** 1N4492US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4492US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4493                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N4493                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4493                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4493                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4493                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4493                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4493                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4493C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4493C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4493CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4493CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4493D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4493D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4493DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4493DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4493US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4493US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4493US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4493US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| ** 1N4493US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4493US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4494                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4494                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4494                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4494                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4494                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4494                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4494                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4494C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4494C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4494CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4494CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4494D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4494D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4494DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4494DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4494US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4494US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4494US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4494US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4494US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| ** 1N4494US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4495                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4495                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4495                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4495                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4495                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4495                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4495                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4495C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4495C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4495CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4495CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4495D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4495D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4495DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4495DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4495US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N4495US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4495US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4495US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4495US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4495US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4496                       | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4496                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4496                      | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4496                       | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4496                      | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4496                       | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4496                       | NS           | CDBV                                         | 19500-2958-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4496C                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4496C                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4496CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4496CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4496D                      | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4496D                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4496DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4496DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4496US                     | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V.     |
| ** 1N4496US                    | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4496US                    | NS           | CDBV                                         | 19500-2857-10                         | /406                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4496US                    | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4496US                     | 3B           | CQN                                          | 19500-3645-12                         | /406                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4496US                     | NS           | CDWR                                         | 19500-2929-10                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| * 1N4500                       | 3A           | CDWR                                         | 19500-2460-09                         | /403                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4531                      | 3A           | CHRC                                         | 19500-2767-10                         | /116                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N4531UR-1                  | 3A           | CHRC                                         | 19500-2767-10                         | /116                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N4532                      | 3A           | CHRC                                         | 19500-2767-10                         | /144                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N4549B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4549B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4549RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4549RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4550B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4550B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4550RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4550RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4551B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4551B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4551RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4551RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4552B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4552B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4552RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4552RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4553B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4553B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4553RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4553RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4554B                     | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4554B                     | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4554RB                    | NS           | CDWR                                         | 19500-2872-10                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4554RB                    | NS           | CDWR                                         | 19500-2336-08                         | /358                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4557B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4557B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4557RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N4557RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4558B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4558B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4558RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4558RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4559B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4559B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4559RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4559RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4560B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4560B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4560RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4560RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4561B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4561B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4561RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4561RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4562B                     | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4562B                     | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4562RB                    | NS           | CDWR                                         | 19500-2336-08                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4562RB                    | NS           | CDWR                                         | 19500-2872-10                         | /114                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4565                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4565                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCD 1N4565A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCD 1N4565A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4565A-1                    | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4565A-1                    | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4565A-1                   | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4565A-1                   | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4565AUR-1                  | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4565AUR-1                 | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4565AUR-1                 | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4565AUR-1                  | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4566                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4566                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCD 1N4566A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCD 1N4566A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4566A-1                    | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4566A-1                   | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4566A-1                   | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4566A-1                    | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4566AUR-1                  | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4566AUR-1                  | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4566AUR-1                 | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4566AUR-1                 | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4567                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4567                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCD 1N4567A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCD 1N4567A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4567A-1                   | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4567A-1                    | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4567A-1                    | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4567A-1                   | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4567AUR-1                  | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4567AUR-1                 | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4567AUR-1                  | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4567AUR-1                 | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JANHCA 1N4568                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4568                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCD 1N4568A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCD 1N4568A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4568A-1                    | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4568A-1                   | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4568A-1                    | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4568A-1                   | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4568AUR-1                 | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4568AUR-1                 | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4568AUR-1                  | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4568AUR-1                  | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4569                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4569                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCD 1N4569A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCD 1N4569A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4569A-1                    | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4569A-1                   | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4569A-1                    | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4569A-1                   | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4569AUR-1                 | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4569AUR-1                 | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4569AUR-1                  | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4569AUR-1                  | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4570                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4570                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCD 1N4570A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCD 1N4570A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4570A-1                    | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4570A-1                    | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4570A-1                   | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4570A-1                   | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4570AUR-1                  | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4570AUR-1                  | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4570AUR-1                 | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4570AUR-1                 | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4571                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4571                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCD 1N4571A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCD 1N4571A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4571A-1                    | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4571A-1                   | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4571A-1                   | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4571A-1                    | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4571AUR-1                  | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4571AUR-1                 | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4571AUR-1                  | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4571AUR-1                 | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4572                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4572                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCD 1N4572A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCD 1N4572A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4572A-1                    | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4572A-1                   | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4572A-1                    | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4572A-1                   | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4572AUR-1                  | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N4572AUR-1                  | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4572AUR-1                 | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4572AUR-1                 | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4573                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4573                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCD 1N4573A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCD 1N4573A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4573A-1                    | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4573A-1                    | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4573A-1                   | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4573A-1                   | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4573AUR-1                 | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4573AUR-1                 | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4573AUR-1                  | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4573AUR-1                  | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4574                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4574                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCD 1N4574A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCD 1N4574A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4574A-1                   | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4574A-1                    | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4574A-1                    | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4574A-1                   | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4574AUR-1                  | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4574AUR-1                  | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4574AUR-1                 | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4574AUR-1                 | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4575                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4575                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCD 1N4575A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCD 1N4575A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4575A-1                   | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4575A-1                    | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4575A-1                   | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4575A-1                    | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4575AUR-1                 | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4575AUR-1                  | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4575AUR-1                  | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4575AUR-1                 | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4576                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4576                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCD 1N4576A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCD 1N4576A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4576A-1                    | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4576A-1                    | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4576A-1                   | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4576A-1                   | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4576AUR-1                 | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4576AUR-1                  | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4576AUR-1                 | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4576AUR-1                  | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4577                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4577                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCD 1N4577A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCD 1N4577A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4577A-1                    | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4577A-1                   | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N4577A-1                   | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4577A-1                    | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4577AUR-1                  | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4577AUR-1                 | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4577AUR-1                 | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4577AUR-1                  | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4578                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4578                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCD 1N4578A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCD 1N4578A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4578A-1                    | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4578A-1                    | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4578A-1                   | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4578A-1                   | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4578AUR-1                  | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4578AUR-1                 | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4578AUR-1                  | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4578AUR-1                 | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4579                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4579                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCD 1N4579A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCD 1N4579A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4579A-1                   | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4579A-1                    | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4579A-1                   | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4579A-1                    | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4579AUR-1                  | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4579AUR-1                  | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4579AUR-1                 | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4579AUR-1                 | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4580                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4580                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCD 1N4580A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCD 1N4580A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4580A-1                    | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4580A-1                   | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4580A-1                    | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4580A-1                   | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4580AUR-1                  | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4580AUR-1                 | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4580AUR-1                  | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4580AUR-1                 | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4581                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4581                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCD 1N4581A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCD 1N4581A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4581A-1                    | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4581A-1                   | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4581A-1                    | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4581A-1                   | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4581AUR-1                  | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4581AUR-1                 | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4581AUR-1                  | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4581AUR-1                 | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4582                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4582                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCD 1N4582A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JANHCD 1N4582A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4582A-1                    | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4582A-1                   | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4582A-1                    | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4582A-1                   | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4582AUR-1                  | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4582AUR-1                 | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4582AUR-1                 | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4582AUR-1                  | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4583                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4583                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCD 1N4583A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCD 1N4583A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4583A-1                   | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4583A-1                   | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4583A-1                    | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4583A-1                    | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4583AUR-1                 | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4583AUR-1                  | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4583AUR-1                  | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4583AUR-1                 | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4584                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4584                  |              | CDWR                                         | 19500-1453-05                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCD 1N4584A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCD 1N4584A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4584A-1                   | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4584A-1                    | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4584A-1                    | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4584A-1                   | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4584AUR-1                 | NS           | CDWR                                         | 19500-1505-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4584AUR-1                 | NS           | CHRC                                         | 19500-2830-10                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4584AUR-1                  | NS           | CDWR                                         | 19500-1525-06                         | /452                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4584AUR-1                  | NS           | CHRC                                         | 19500-3080-11                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCD 1N4585A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCD 1N4585A                 |              | CHRC                                         | 19500-3404-12                         | /452                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4614                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4614                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4614-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4614-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4614-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4614-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4614C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4614C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4614C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4614C                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4614C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4614C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4614C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4614C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4614CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4614CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4614CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4614CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4614D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4614D                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4614D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4614D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N4614D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4614D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4614D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4614D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4614DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4614DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4614DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4614DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4614UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4614UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4614UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4614UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4615                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4615                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4615-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4615-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4615-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4615-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4615C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4615C                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4615C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4615C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4615C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4615C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4615C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4615C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4615CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4615CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4615CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4615CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4615D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4615D                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4615D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4615D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4615D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4615D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4615D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4615D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4615DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4615DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4615DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4615DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4615UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4615UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4615UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4615UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4616                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4616                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4616-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4616-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4616-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4616-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4616C                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4616C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4616C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4616C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4616C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N4616C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4616C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4616C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4616CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4616CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4616CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4616CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4616D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4616D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4616D                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4616D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4616D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4616D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4616D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4616D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4616DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4616DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4616DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4616DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4616UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4616UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4616UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4616UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4617                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4617                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4617-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4617-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4617-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4617-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4617C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4617C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4617C                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4617C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4617C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4617C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4617C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4617C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4617CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4617CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4617CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4617CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4617D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4617D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4617D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4617D                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4617D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4617D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4617D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4617D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4617DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4617DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4617DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4617DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4617UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4617UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4617UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4617UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JANHCA 1N4618                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4618                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4618-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4618-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4618-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4618-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4618C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4618C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4618C                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4618C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4618C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4618C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4618C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4618C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4618CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4618CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4618CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4618CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4618D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4618D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4618D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4618D                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4618D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4618D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4618D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4618D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4618DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4618DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4618DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4618DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4618UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4618UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4618UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4618UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4619                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4619                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4619-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4619-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4619-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4619-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4619C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4619C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4619C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4619C                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4619C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4619C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4619C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4619C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4619CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4619CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4619CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4619CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4619D                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4619D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4619D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4619D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4619D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N4619D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4619D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4619D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4619DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4619DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4619DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4619DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4619UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4619UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4619UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4619UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4620                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4620                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4620-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4620-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4620-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4620-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4620C                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4620C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4620C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4620C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4620C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4620C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4620C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4620C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4620CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4620CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4620CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4620CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4620D                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4620D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4620D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4620D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4620D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4620D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4620D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4620D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4620DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4620DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4620DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4620DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4620UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4620UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4620UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4620UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4621                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4621                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4621-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4621-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4621-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4621-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4621C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4621C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4621C                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4621C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4621C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4621C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N4621C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4621C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4621CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4621CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4621CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4621CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4621D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4621D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4621D                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4621D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4621D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4621D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4621D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4621D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4621DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4621DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4621DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4621DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4621UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4621UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4621UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4621UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4622                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4622                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4622-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4622-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4622-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4622-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4622C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4622C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4622C                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4622C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4622C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4622C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4622C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4622C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4622CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4622CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4622CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4622CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4622D                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4622D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4622D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4622D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4622D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4622D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4622D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4622D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4622DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4622DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4622DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4622DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4622UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4622UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4622UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4622UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4623                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JANKCA 1N4623                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4623-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4623-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4623-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4623-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4623C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4623C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4623C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4623C                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4623C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4623C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4623C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4623C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4623CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4623CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4623CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4623CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4623D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4623D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4623D                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4623D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4623D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4623D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4623DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4623DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4623DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4623DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4623UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4623UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4623UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4623UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4624                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4624                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4624-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4624-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4624-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4624-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4624C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4624C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4624C                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4624C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4624C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4624C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4624C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4624C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4624CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4624CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4624CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4624CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4624D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4624D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4624D                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4624D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4624D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4624D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4624D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4624D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N4624DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4624DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4624DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4624DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4624UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4624UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4624UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4624UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4625                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4625                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4625-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4625-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4625-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4625-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4625C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4625C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4625C                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4625C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4625C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4625C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4625C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4625C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4625CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4625CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4625CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4625CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4625D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4625D                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4625D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4625D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4625D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4625D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4625D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4625D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4625DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4625DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4625DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4625DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4625UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4625UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4625UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4625UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4626                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4626                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4626-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4626-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4626-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4626-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4626C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4626C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4626C                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4626C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4626C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4626C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4626C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4626C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4626CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N4626CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4626CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4626CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4626D                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4626D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N4626D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4626D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4626D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4626D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4626D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4626D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4626DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4626DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4626DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4626DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4626UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4626UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4626UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4626UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4627                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4627                  |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4627-1                     | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4627-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4627-1                     | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4627-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4627C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N4627C                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N4627C                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N4627C                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4627C-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4627C-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4627C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4627C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4627CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4627CUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4627CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4627CUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N4627D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N4627D                 | NA           | CHRC                                         | 19500-3482-12                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N4627D                 |              | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N4627D                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4627D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4627D-1                    | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4627D-1                    | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4627D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4627DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4627DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4627DUR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N4627DUR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4627UR-1                   | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4627UR-1                  | NS           | CHRC                                         | 19500-2690-10                         | /435                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N4627UR-1                  | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4627UR-1                   | NS           | CDWR                                         | 19500-1761-06                         | /435                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4938-1                    | 2            | CDWR                                         | 19500-2712-10                         | /169                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4938UR-1                  | 2            | CDWR                                         | 19500-2712-10                         | /169                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4942                      | 3B           | CDWR                                         | 19500-2809-10                         | /359                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4942                      | 3B           | CQN                                          | 19500-3069-11                         | /359                 | D                            | 13409                                              | Sensitron Semiconductor        |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N4942 3/, 4/               | NS           | CDBV                                         | 19500-128-02                          | /359                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N4942 4/                   | NS           | CDBV                                         | 19500-2464-09                         | /359                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4944                      | 3B           | CDWR                                         | 19500-2809-10                         | /359                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4944                      | 3B           | CQN                                          | 19500-3069-11                         | /359                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4944 3/, 4/               | NS           | CDBV                                         | 19500-128-02                          | /359                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N4944 4/                   | NS           | CDBV                                         | 19500-2464-09                         | /359                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4946                      | 3B           | CDWR                                         | 19500-2809-10                         | /359                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4946                      | 3B           | CQN                                          | 19500-3069-11                         | /359                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4946 3/, 4/               | NS           | CDBV                                         | 19500-128-02                          | /359                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N4946 4/                   | NS           | CDBV                                         | 19500-2464-09                         | /359                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4947                      | 3B           | CQN                                          | 19500-3069-11                         | /359                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4947 3/, 4/               | NS           | CDBV                                         | 19500-128-02                          | /359                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N4947 4/                   | NS           | CDBV                                         | 19500-2464-09                         | /359                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4948                      | 3B           | CQN                                          | 19500-3069-11                         | /359                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4948 3/, 4/               | NS           | CDBV                                         | 19500-128-02                          | /359                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N4948 4/                   | NS           | CDBV                                         | 19500-2464-09                         | /359                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4954                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4954                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4954                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4954                      | NS           | CDBV                                         | 19500-2816-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4954C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4954C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4954CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4954CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4954D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4954D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4954DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4954DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4954US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4954US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4954US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4954US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4955                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4955                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4955                      | NS           | CDBV                                         | 19500-2816-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4955                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4955C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4955C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4955CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4955CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4955D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4955D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4955DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4955DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4955US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4955US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4955US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4955US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4956                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4956                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4956                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4956                      | NS           | CDBV                                         | 19500-2816-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4956C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4956C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4956CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4956CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4956D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N4956D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4956DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4956DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4956US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4956US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4956US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4956US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4957                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4957                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4957                      | NS           | CDBV                                         | 19500-2816-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4957                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4957C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4957C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4957CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4957CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4957D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4957D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4957DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4957DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4957US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4957US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4957US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4957US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4958                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4958                      | NS           | CDBV                                         | 19500-2816-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4958                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4958                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4958                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4958                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4958C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4958C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4958CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4958CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4958D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4958D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4958DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4958DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4958US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4958US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4958US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4958US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4958US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4958US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4959                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4959                      | NS           | CDBV                                         | 19500-2816-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4959                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4959                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4959                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4959                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4959C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4959C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4959CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4959CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4959D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4959D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4959DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4959DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N4959US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4959US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4959US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4959US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4959US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4959US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4960                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4960                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4960                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4960                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4960                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4960                      | NS           | CDBV                                         | 19500-2816-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4960C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4960C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4960CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4960CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4960D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4960D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4960DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4960DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4960US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4960US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4960US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4960US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4960US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4960US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4961                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4961                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4961                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4961                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4961                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4961                      | NS           | CDBV                                         | 19500-2816-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4961C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4961C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4961CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4961CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4961D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4961D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4961DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4961DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4961US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4961US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4961US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4961US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4961US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4961US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4962                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4962                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4962                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4962                      | NS           | CDBV                                         | 19500-2817-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4962                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4962                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4962C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4962C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4962CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4962CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4962D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N4962D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4962DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4962DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4962US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4962US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4962US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4962US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4962US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4962US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4963                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4963                      | NS           | CDBV                                         | 19500-2817-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4963                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4963                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4963                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4963                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4963C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4963C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4963CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4963CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4963D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4963D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4963DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4963DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4963US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4963US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4963US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4963US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4963US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4963US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4964                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4964                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4964                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4964                      | NS           | CDBV                                         | 19500-2817-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4964                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4964                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4964C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4964C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4964CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4964CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4964D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4964D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4964DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4964DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4964US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4964US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4964US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4964US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4964US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4964US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4965                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4965                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4965                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4965                      | NS           | CDBV                                         | 19500-2817-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4965                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4965                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4965C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4965C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N4965CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4965CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4965D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4965D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4965DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4965DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4965US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4965US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4965US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4965US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4965US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4965US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4966                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4966                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4966                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4966                      | NS           | CDBV                                         | 19500-2817-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4966                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4966                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4966C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4966C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4966CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4966CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4966D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4966D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4966DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4966DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4966US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4966US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4966US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4966US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4966US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4966US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4967                      | NS           | CDBV                                         | 19500-2817-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4967                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4967                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4967                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4967                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4967                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4967C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4967C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4967CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4967CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4967D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4967D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4967DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4967DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4967US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4967US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4967US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4967US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4967US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4967US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4968                      | NS           | CDBV                                         | 19500-2817-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4968                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4968                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4968                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4968                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N4968                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4968C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4968C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4968CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4968CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4968D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4968D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4968DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4968DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4968US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4968US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4968US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4968US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4968US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4968US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4969                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4969                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4969                      | NS           | CDBV                                         | 19500-2817-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4969                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4969                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4969                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4969C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4969C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4969CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4969CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4969D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4969D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4969DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4969DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4969US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4969US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4969US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4969US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4969US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4969US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4970                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4970                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4970                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4970                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4970                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4970                      | NS           | CDBV                                         | 19500-2817-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4970C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4970C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4970CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4970CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4970D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4970D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4970DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4970DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4970US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4970US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4970US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4970US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4970US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4970US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4971                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4971                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N4971                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4971                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4971                      | NS           | CDBV                                         | 19500-2817-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4971                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4971C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4971C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4971CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4971CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4971D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4971D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4971DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4971DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4971US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4971US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4971US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4971US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4971US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4971US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4972                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4972                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4972                      | NS           | CDBV                                         | 19500-2817-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4972                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4972                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4972                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4972C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4972C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4972CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4972CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4972D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4972D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4972DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4972DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4972US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4972US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4972US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4972US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4972US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4972US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4973                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4973                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4973                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4973                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4973                      | NS           | CDBV                                         | 19500-2817-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4973                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4973C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4973C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4973CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4973CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4973D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4973D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4973DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4973DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4973US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4973US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4973US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4973US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4973US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N4973US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4974                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4974                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4974                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4974                      | NS           | CDBV                                         | 19500-2817-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4974                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4974                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4974C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4974C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4974CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4974CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4974D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4974D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4974DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4974DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4974US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4974US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4974US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4974US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4974US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4974US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4975                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4975                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4975                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4975                      | NS           | CDBV                                         | 19500-2817-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4975                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4975                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4975C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4975C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4975CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4975CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4975D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4975D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4975DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4975DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4975US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4975US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4975US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4975US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4975US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4975US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4976                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4976                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4976                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4976                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4976                      | NS           | CDBV                                         | 19500-2817-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4976                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4976C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4976C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4976CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4976CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4976D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4976D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4976DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4976DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4976US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4976US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N4976US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4976US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4976US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4976US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4977                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4977                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4977                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4977                      | NS           | CDBV                                         | 19500-2817-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4977                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4977                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4977C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4977C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4977CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4977CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4977D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4977D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4977DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4977DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4977US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4977US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4977US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4977US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4977US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4977US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4978                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4978                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4978                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4978                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4978                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4978                      | NS           | CDBV                                         | 19500-2818-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4978C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4978C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4978CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4978CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4978D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4978D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4978DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4978DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4978US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4978US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4978US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4978US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4978US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4978US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4979                      | NS           | CDBV                                         | 19500-2818-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4979                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4979                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4979                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4979                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4979                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4979C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4979C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4979CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4979CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4979D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4979D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4979DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N4979DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4979US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4979US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4979US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4979US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4979US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4979US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4980                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4980                      | NS           | CDBV                                         | 19500-2818-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4980                      | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4980                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4980                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4980                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4980                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4980 3/                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4980C                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4980C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4980C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4980C 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4980CUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4980CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4980CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4980CUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4980D                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4980D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4980D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4980D 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4980DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4980DUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4980DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4980DUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4980US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4980US                    | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4980US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4980US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4980US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4980US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4980US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4980US 3/                 | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4981                      | NS           | CDBV                                         | 19500-2818-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4981                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4981                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4981                      | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4981                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4981                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4981                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4981 3/                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4981C                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4981C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4981C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4981C 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4981CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4981CUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4981CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4981CUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4981D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4981D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N4981D                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4981D 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4981DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4981DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4981DUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4981DUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4981US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4981US                    | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4981US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4981US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4981US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4981US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4981US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4981US 3/                 | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4982                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4982                      | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4982                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4982                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4982                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4982                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4982                      | NS           | CDBV                                         | 19500-2818-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4982 3/                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4982C                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4982C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4982C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4982C 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4982CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4982CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4982CUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4982CUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4982D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4982D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4982D                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4982D 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4982DUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4982DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4982DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4982DUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4982US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4982US                    | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4982US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4982US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4982US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4982US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4982US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4982US 3/                 | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4983                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4983                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4983                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4983                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4983                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4983                      | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4983                      | NS           | CDBV                                         | 19500-2818-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4983 3/                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4983C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4983C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4983C                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N4983C 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4983CUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4983CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4983CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4983CUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4983D                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4983D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4983D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4983D 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4983DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4983DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4983DUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4983DUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4983US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4983US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4983US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4983US                    | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4983US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4983US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4983US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4983US 3/                 | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4984                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4984                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4984                      | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4984                      | NS           | CDBV                                         | 19500-2818-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4984                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4984                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4984                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4984 3/                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4984C                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4984C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4984C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4984C 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4984CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4984CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4984CUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4984CUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4984D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4984D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4984D                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4984D 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4984DUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4984DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4984DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4984DUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4984US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4984US                    | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4984US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4984US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4984US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4984US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4984US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4984US 3/                 | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4985                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4985                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4985                      | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4985                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N4985                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4985                      | NS           | CDBV                                         | 19500-2818-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4985                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4985 3/                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4985C                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4985C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4985C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4985C 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4985CUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4985CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4985CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4985CUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4985D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4985D                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4985D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4985D 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4985DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4985DUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4985DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4985DUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4985US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4985US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4985US                    | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4985US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4985US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4985US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4985US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4985US 3/                 | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4986                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4986                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4986                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4986                      | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4986                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4986                      | NS           | CDBV                                         | 19500-2818-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4986                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4986 3/                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4986C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4986C                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4986C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4986C 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4986CUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4986CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4986CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4986CUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4986D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4986D                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4986D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4986D 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4986DUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4986DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4986DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4986DUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4986US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4986US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4986US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4986US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4986US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N4986US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4986US                    | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4986US 3/                 | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4987                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4987                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4987                      | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4987                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4987                      | NS           | CDBV                                         | 19500-2818-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4987                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4987                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4987 3/                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4987C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4987C                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4987C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4987C 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4987CUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4987CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4987CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4987CUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4987D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4987D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4987D                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4987D 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4987DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4987DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4987DUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4987DUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4987US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4987US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4987US                    | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4987US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4987US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4987US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4987US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4987US 3/                 | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4988                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4988                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4988                      | NS           | CDBV                                         | 19500-2818-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4988                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4988                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4988                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4988                      | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4988 3/                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4988C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4988C                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4988C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4988C 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4988CUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4988CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4988CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4988CUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4988D                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4988D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4988D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4988D 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4988DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4988DUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N4988DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4988DUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4988US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4988US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4988US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4988US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4988US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4988US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4988US                    | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4988US 3/                 | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4989                      | NS           | CDBV                                         | 19500-2818-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4989                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4989                      | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4989                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4989                      | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N4989                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4989                       | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4989 3/                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4989C                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4989C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4989C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4989C 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4989CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4989CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4989CUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4989CUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4989D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4989D                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4989D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4989D 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4989DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4989DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4989DUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4989DUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4989US                     | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4989US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4989US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4989US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4989US                    | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4989US                    | 3B           | CQN                                          | 19500-3712-13                         | /356                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N4989US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4989US 3/                 | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4990                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4990                       | NS           | CDBV                                         | 19500-2936-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4990                      | NS           | CDBV                                         | 19500-2818-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N4990                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4990                      | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4990 3/                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4990C                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4990C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4990C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4990C 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4990CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4990CUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4990CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4990CUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4990D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N4990D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4990D                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4990D 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4990DUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4990DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4990DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4990DUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4990US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4990US                    | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4990US                    | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4990US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4990US                     | NS           | CDBV                                         | 19500-2938-10                         | /356                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N4990US 3/                 | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4991                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4991                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4991                      | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4991 3/                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4991C                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4991C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4991C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4991C 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4991CUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4991CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4991CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4991CUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4991D                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4991D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4991D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4991D 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4991DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4991DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4991DUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4991DUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4991US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4991US                    | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4991US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4991US 3/                 | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4992                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4992                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4992                      | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4992 3/                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N4992C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4992C                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4992C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4992C 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4992CUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4992CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4992CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4992CUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4992D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4992D                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4992D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4992D 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N4992DUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4992DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N4992DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N4992DUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N4992US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4992US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4992US                    | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4992US 3/                 | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4993                      | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4993                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4993                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4993 3/                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4993C                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4993C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4993C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4993C 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| S 1N4993CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4993CUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4993CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4993CUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| S 1N4993D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4993D                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4993D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4993D 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4993DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4993DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4993DUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4993DUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| S 1N4993US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4993US                    | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4993US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4993US 3/                 | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4994                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4994                      | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4994                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4994 3/                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| S 1N4994C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4994C                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4994C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4994C 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4994CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4994CUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4994CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4994CUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4994D                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4994D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4994D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4994D 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4994DUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4994DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4994DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4994DUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4994US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4994US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4994US                    | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4994US 3/                 | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4995                      | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4995                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4995                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4995 3/                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| S 1N4995C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N4995C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4995C                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4995C 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4995CUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4995CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4995CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4995CUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| S 1N4995D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4995D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4995D                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4995D 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| S 1N4995DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4995DUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4995DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4995DUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4995US                    | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4995US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4995US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4995US 3/                 | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| S 1N4996                       | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4996                      | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4996                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4996 3/                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4996C                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4996C                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4996C                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4996C 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4996CUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4996CUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4996CUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4996CUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| S 1N4996D                      | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4996D                     | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4996D                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4996D 3/                  | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4996DUS                   | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4996DUS                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4996DUS                   | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4996DUS 3/                | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N4996US                    | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N4996US                     | NS           | CDWR                                         | 19500-3348-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N4996US 3/                 | NS           | CDWR                                         | 19500-3260-11                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5186                      | 3B           | CDWR                                         | 19500-2809-10                         | /424                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5186                       | 3B           | CQN                                          | 19500-3621-12                         | /424                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N5186                      | 3B           | CQN                                          | 19500-3621-12                         | /424                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N5187                       | 3B           | CQN                                          | 19500-3621-12                         | /424                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N5187                      | 3B           | CQN                                          | 19500-3621-12                         | /424                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N5187                      | 3B           | CDWR                                         | 19500-2809-10                         | /424                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5188                       | 3B           | CQN                                          | 19500-3621-12                         | /424                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N5188                      | 3B           | CDWR                                         | 19500-2809-10                         | /424                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5188                      | 3B           | CQN                                          | 19500-3621-12                         | /424                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N5190                      | 3B           | CQN                                          | 19500-3621-12                         | /424                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N5190                       | 3B           | CQN                                          | 19500-3621-12                         | /424                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N5190                      | 3B           | CDWR                                         | 19500-2809-10                         | /424                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5194                      | NS           | CDWR                                         | 19500-2922-10                         | /118                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5194UR                    | NS           | CDWR                                         | 19500-2922-10                         | /118                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N5194US                    | 3            | CDWR                                         | 19500-3283-11                         | /118                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5195                      | NS           | CDWR                                         | 19500-2922-10                         | /118                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5195UR                    | NS           | CDWR                                         | 19500-2922-10                         | /118                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5195US                    | 3            | CDWR                                         | 19500-3283-11                         | /118                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5196                      | NS           | CDWR                                         | 19500-2922-10                         | /118                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5196UR                    | NS           | CDWR                                         | 19500-2922-10                         | /118                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5196US                    | 3            | CDWR                                         | 19500-3283-11                         | /118                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5283                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5283                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5283-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5283-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N5283-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5283UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5283UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5283UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5284                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5284                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5284-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5284-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5284-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5284UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5284UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N5284UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5285                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5285                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5285-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5285-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5285-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5285UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N5285UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5285UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5286                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5286                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5286-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5286-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5286-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N5286UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5286UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5286UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5287                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5287                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5287-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5287-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5287-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5287UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5287UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5287UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5288                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5288                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5288-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5288-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5288-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N5288UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5288UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5288UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5289                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5289                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N5289-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N5289-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5289-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5289UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N5289UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5289UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5290                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5290                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5290-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5290-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5290-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5290UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N5290UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5290UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5291                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5291                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5291-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5291-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5291-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5291UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5291UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5291UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5292                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5292                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5292-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5292-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5292-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5292UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5292UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5292UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5293                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5293                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5293-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5293-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5293-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5293UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5293UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5293UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5294                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5294                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5294-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5294-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N5294-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5294UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5294UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5294UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5295                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5295                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5295-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5295-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5295-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5295UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5295UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5295UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5296                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5296                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5296-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N5296-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5296-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5296UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5296UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5296UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5297                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5297                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5297-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5297-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N5297-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5297UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5297UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5297UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5298                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5298                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5298-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5298-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5298-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5298UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5298UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N5298UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5299                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5299                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5299-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5299-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5299-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5299UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N5299UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5299UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5300                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5300                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5300-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5300-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5300-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5300UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5300UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5300UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5301                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5301                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5301-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5301-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5301-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5301UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5301UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N5301UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5302                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5302                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5302-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N5302-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5302-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5302UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5302UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5302UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5303                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5303                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5303-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5303-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N5303-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5303UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5303UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5303UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5304                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5304                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5304-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5304-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5304-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5304UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5304UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N5304UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5305                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5305                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5305-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5305-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5305-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N5305UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5305UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5305UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5306                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5306                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5306-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5306-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5306-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5306UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N5306UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5306UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5307                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5307                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5307-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5307-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5307-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5307UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N5307UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5307UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5308                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5308                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5308-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5308-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5308-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5308UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5308UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5308UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5309                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5309                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5309-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5309-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5309-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5309UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N5309UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5309UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5310                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5310                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5310-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5310-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5310-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N5310UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5310UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5310UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANHCA 1N5311                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCA 1N5311                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5311-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5311-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5311-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5311UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5311UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5311UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANKCA 1N5312                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCA 1N5312                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5312-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5312-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5312-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5312UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5312UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5312UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANHCA 1N5313                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCA 1N5313                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5313-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N5313-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5313-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5313UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5313UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5313UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANHCA 1N5314                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCA 1N5314                  |              | CDWR                                         | 19500-1344-05                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5314-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5314-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5314-1                    | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5314UR-1                  | NS           | CDWR                                         | 19500-770-04                          | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5314UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5314UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N5415                       | NS           | CDBV                                         | 19500-2797-10                         | /411                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5415                      | 3B           | CDWR                                         | 19500-2809-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5415                      | NS           | CDBV                                         | 19500-2464-09                         | /411                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N5415                       | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5415                       | 3B           | CDWR                                         | 19500-2829-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5415                      | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5415 3/                   | NS           | CDBV                                         | 19500-128-02                          | /411                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N5415US                     | 3B           | CDWR                                         | 19500-2829-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5415US                    | 3B           | CDWR                                         | 19500-2809-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5415US                     | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5415US                    | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5416                       | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5416                       | 3B           | CDWR                                         | 19500-2829-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5416                      | NS           | CDBV                                         | 19500-2464-09                         | /411                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5416                      | 3B           | CDWR                                         | 19500-2809-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5416                       | NS           | CDBV                                         | 19500-2797-10                         | /411                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5416                      | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5416 3/                   | NS           | CDBV                                         | 19500-128-02                          | /411                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N5416US                    | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5416US                    | 3B           | CDWR                                         | 19500-2809-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5416US                     | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5416US                     | 3B           | CDWR                                         | 19500-2829-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N5417                       | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5417                      | NS           | CDBV                                         | 19500-2464-09                         | /411                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5417                      | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5417                       | NS           | CDBV                                         | 19500-2797-10                         | /411                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5417                      | 3B           | CDWR                                         | 19500-2809-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5417                       | 3B           | CDWR                                         | 19500-2829-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5417 3/                   | NS           | CDBV                                         | 19500-128-02                          | /411                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N5417US                    | 3B           | CDWR                                         | 19500-2809-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5417US                    | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5417US                     | 3B           | CDWR                                         | 19500-2829-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5417US                     | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5418                      | NS           | CDBV                                         | 19500-2464-09                         | /411                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N5418                       | NS           | CDBV                                         | 19500-2797-10                         | /411                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5418                      | 3B           | CDWR                                         | 19500-2809-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5418                      | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5418                       | 3B           | CDWR                                         | 19500-2829-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5418                       | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5418 3/                   | NS           | CDBV                                         | 19500-128-02                          | /411                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N5418US                     | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5418US                    | 3B           | CDWR                                         | 19500-2809-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5418US                     | 3B           | CDWR                                         | 19500-2829-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5418US                    | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5419                       | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5419                      | NS           | CDBV                                         | 19500-2464-09                         | /411                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N5419                       | NS           | CDBV                                         | 19500-2797-10                         | /411                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5419                      | 3B           | CDWR                                         | 19500-2809-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5419                      | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5419                       | 3B           | CDWR                                         | 19500-2829-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5419 3/                   | NS           | CDBV                                         | 19500-128-02                          | /411                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N5419US                     | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5419US                    | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5419US                    | 3B           | CDWR                                         | 19500-2809-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5419US                     | 3B           | CDWR                                         | 19500-2829-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5420                      | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5420                       | 3B           | CDWR                                         | 19500-2829-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5420                       | NS           | CDBV                                         | 19500-2797-10                         | /411                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5420                      | NS           | CDBV                                         | 19500-2464-09                         | /411                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5420                      | 3B           | CDWR                                         | 19500-2809-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5420                       | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5420US                     | 3B           | CDWR                                         | 19500-2829-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5420US                    | 3B           | CDWR                                         | 19500-2809-10                         | /411                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5420US                     | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5420US                    | 3B           | CQN                                          | 19500-3621-12                         | /411                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| JANHCA 1N5518B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCA 1N5518B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCC 1N5518B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANHCC 1N5518B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5518B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5518B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5518BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5518BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCA 1N5518C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCC 1N5518C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANHCA 1N5518C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCC 1N5518C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5518C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5518C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N5518CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5518CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5518D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5518D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5518D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5518D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5518D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5518D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5518DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5518DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5519B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5519B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5519B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5519B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5519B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5519B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5519BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5519BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5519C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5519C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5519C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5519C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5519C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5519CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5519CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5519D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5519D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5519D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5519D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5519D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5519D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5519DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5519DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5520B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5520B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5520B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5520B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5520B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5520B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5520BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5520BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5520C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5520C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5520C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5520C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5520C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5520C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5520CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5520CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5520D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5520D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5520D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5520D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5520D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5520D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5520DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5520DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JANHCC 1N5521B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5521B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5521B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5521B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5521B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5521B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5521BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5521BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5521C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5521C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5521C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5521C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5521C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5521C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5521CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5521CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5521D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5521D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5521D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5521D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5521D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5521D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5521DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5521DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5522B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5522B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5522B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5522B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5522B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5522B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5522BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5522BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5522C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5522C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5522C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5522C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5522C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5522C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5522CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5522CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5522D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5522D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5522D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5522D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5522D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5522D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5522DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5522DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5523B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5523B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5523B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5523B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5523B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5523B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5523BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5523BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5523C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JANKCA 1N5523C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5523C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5523C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5523C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5523C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5523CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5523CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5523D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5523D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5523D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5523D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5523D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5523D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5523DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5523DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5524B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5524B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5524B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5524B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5524B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5524B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5524BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5524BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5524C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5524C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5524C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5524C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5524C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5524C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5524CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5524CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5524D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5524D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5524D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5524D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5524D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5524D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5524DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5524DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5525B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5525B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5525B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5525B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5525B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5525B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5525BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5525BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5525C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5525C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5525C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5525C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5525C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5525C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5525CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5525CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5525D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5525D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JANKCA 1N5525D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5525D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5525D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5525D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5525DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5525DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5526B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5526B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5526B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5526B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5526B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5526B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5526BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5526BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5526C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5526C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5526C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5526C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5526C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5526C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5526CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5526CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5526D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5526D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5526D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5526D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5526D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5526D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5526DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5526DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5527B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5527B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5527B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5527B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5527B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5527B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5527BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5527BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5527C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5527C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5527C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5527C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5527C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5527C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5527CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5527CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5527D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5527D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5527D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5527D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5527D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5527D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5527DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5527DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5528B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5528B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5528B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JANHCC 1N5528B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5528B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5528B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5528BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5528BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5528C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5528C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5528C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5528C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5528C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5528C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5528CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5528CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5528D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5528D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5528D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5528D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5528D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5528D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5528DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5528DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5529B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5529B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5529B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5529B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5529B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5529B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5529BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5529BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5529C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5529C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5529C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5529C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5529C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5529C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5529CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5529CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5529D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5529D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5529D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5529D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5529D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5529D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5529DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5529DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5530B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5530B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5530B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5530B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5530B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5530B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5530BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5530BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5530C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5530C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5530C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5530C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N5530C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5530C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5530CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5530CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5530D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5530D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5530D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5530D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5530D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5530D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5530DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5530DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5531B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5531B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5531B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5531B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5531B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5531B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5531BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5531BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5531C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5531C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5531C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5531C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5531C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5531C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5531CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5531CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5531D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5531D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5531D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5531D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5531D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5531D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5531DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5531DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5532B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5532B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5532B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5532B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5532B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5532B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5532BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5532BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5532C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5532C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5532C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5532C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5532C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5532C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5532CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5532CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5532D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5532D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5532D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5532D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5532D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N5532D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5532DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5532DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5533B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5533B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5533B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5533B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5533B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5533B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5533BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5533BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5533C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5533C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5533C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5533C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5533C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5533C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5533CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5533CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5533D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5533D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5533D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5533D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5533D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5533D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5533DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5533DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5534B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5534B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5534B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5534B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5534B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5534B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5534BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5534BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5534C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5534C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5534C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5534C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5534C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5534C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5534CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5534CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5534D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5534D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5534D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5534D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5534D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5534D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5534DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5534DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5535B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5535B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5535B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5535B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5535B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5535B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N5535BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5535BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5535C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5535C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5535C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5535C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5535C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5535C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5535CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5535CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5535D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5535D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5535D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5535D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5535D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5535D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5535DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5535DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5536B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5536B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5536B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5536B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5536B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5536B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5536BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5536BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5536C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5536C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5536C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5536C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5536C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5536C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5536CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5536CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5536D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5536D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5536D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5536D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5536D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5536D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5536DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5536DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5537B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5537B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5537B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5537B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5537B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5537B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5537BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5537BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5537C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5537C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5537C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5537C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5537C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5537C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5537CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N5537CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5537D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5537D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5537D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5537D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5537D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5537D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5537DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5537DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5538B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5538B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5538B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5538B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5538B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5538B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5538BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5538BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5538C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5538C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5538C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5538C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5538C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5538C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5538CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5538CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5538D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5538D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5538D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5538D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5538D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5538D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5538DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5538DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5539B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5539B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5539B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5539B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5539B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5539B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5539BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5539BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5539C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5539C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5539C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5539C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5539C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5539C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5539CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5539CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5539D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5539D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5539D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5539D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5539D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5539D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5539DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5539DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JANHCC 1N5540B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5540B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5540B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5540B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5540B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5540B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5540BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5540BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5540C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5540C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5540C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5540C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5540C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5540C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5540CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5540CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5540D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5540D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5540D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5540D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5540D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5540D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5540DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5540DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5541B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5541B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5541B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5541B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5541B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5541B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5541BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5541BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5541C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5541C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5541C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5541C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5541C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5541C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5541CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5541CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5541D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5541D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5541D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5541D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5541D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5541D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5541DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5541DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5542B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5542B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5542B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5542B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5542B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5542B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5542BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5542BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5542C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JANHCA 1N5542C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5542C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5542C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5542C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5542C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5542CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5542CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5542D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5542D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5542D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5542D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5542D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5542D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5542DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5542DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5543B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5543B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5543B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5543B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5543B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5543B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5543BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5543BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5543C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5543C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5543C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5543C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5543C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5543C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5543CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5543CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5543D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5543D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5543D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5543D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5543D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5543D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5543DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5543DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5544B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5544B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5544B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5544B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5544B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5544B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5544BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5544BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCA 1N5544C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 1N5544C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCC 1N5544C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANKCA 1N5544C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5544C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5544C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5544CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N5544CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 1N5544D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| JANHCC 1N5544D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| JANHCA 1N5544D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCA 1N5544D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5544D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5544D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5544DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5544DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANKCA 1N5545B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCC 1N5545B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANKCC 1N5545B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANHCA 1N5545B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5545B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5545B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5545BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5545BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCA 1N5545C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCA 1N5545C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCC 1N5545C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANKCC 1N5545C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5545C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5545C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5545CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5545CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCA 1N5545D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCC 1N5545D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANKCA 1N5545D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCC 1N5545D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5545D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5545D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5545DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5545DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANHCA 1N5546B                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCA 1N5546B                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCC 1N5546B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANHCC 1N5546B                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5546B-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5546B-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5546BUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5546BUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANKCA 1N5546C                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCC 1N5546C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANHCA 1N5546C                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCC 1N5546C                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5546C-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5546C-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5546CUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5546CUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANKCC 1N5546D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANKCA 1N5546D                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCA 1N5546D                 |              | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCC 1N5546D                 | NA           | CHRC                                         | 19500-3482-12                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5546D-1                   | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5546D-1                   | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5546DUR-1                 | NS           | CHRC                                         | 19500-2690-10                         | /437                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5546DUR-1                 | NS           | CDWR                                         | 19500-1761-06                         | /437                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5550                      | 3B           | CDWR                                         | 19500-2433-09                         | /420                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5550                      | NS           | CDBV                                         | 19500-2464-09                         | /420                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N5550                       | 3B           | CDWR                                         | 19500-2495-09                         | /420                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N5550                      | 3B           | CQN                                          | 19500-3538-12                         | /420                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5550                       | 3B           | CQN                                          | 19500-3538-12                         | /420                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5550                       | NS           | CDBV                                         | 19500-2464-09                         | /420                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5550 3/                   | NS           | CDBV                                         | 19500-128-02                          | /420                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N5550US                    | NS           | CDBV                                         | 19500-3364-11                         | /420                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5550US                    | 3B           | CQN                                          | 19500-3538-12                         | /420                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5550US                     | 3B           | CDWR                                         | 19500-2495-09                         | /420                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5550US                     | 3B           | CQN                                          | 19500-3538-12                         | /420                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5550US                    | 3B           | CDWR                                         | 19500-2433-09                         | /420                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5551                      | NS           | CDBV                                         | 19500-2464-09                         | /420                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5551                      | 3B           | CDWR                                         | 19500-2433-09                         | /420                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5551                       | 3B           | CDWR                                         | 19500-2495-09                         | /420                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5551                       | NS           | CDBV                                         | 19500-2464-09                         | /420                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5551                      | 3B           | CQN                                          | 19500-3538-12                         | /420                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5551                       | 3B           | CQN                                          | 19500-3538-12                         | /420                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5551 3/                   | NS           | CDBV                                         | 19500-128-02                          | /420                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N5551US                     | 3B           | CQN                                          | 19500-3538-12                         | /420                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5551US                    | 3B           | CDWR                                         | 19500-2433-09                         | /420                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5551US                    | NS           | CDBV                                         | 19500-3364-11                         | /420                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5551US                    | 3B           | CQN                                          | 19500-3538-12                         | /420                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5551US                     | 3B           | CDWR                                         | 19500-2495-09                         | /420                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5552                      | 3B           | CDWR                                         | 19500-2433-09                         | /420                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5552                      | 3B           | CQN                                          | 19500-3538-12                         | /420                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5552                       | NS           | CDBV                                         | 19500-2464-09                         | /420                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N5552                       | 3B           | CQN                                          | 19500-3538-12                         | /420                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5552                       | 3B           | CDWR                                         | 19500-2495-09                         | /420                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5552                      | NS           | CDBV                                         | 19500-2464-09                         | /420                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5552 3/                   | NS           | CDBV                                         | 19500-128-02                          | /420                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N5552US                    | 3B           | CDWR                                         | 19500-2433-09                         | /420                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5552US                    | 3B           | CQN                                          | 19500-3538-12                         | /420                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5552US                     | 3B           | CQN                                          | 19500-3538-12                         | /420                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5552US                    | NS           | CDBV                                         | 19500-3364-11                         | /420                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N5552US                     | 3B           | CDWR                                         | 19500-2495-09                         | /420                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5553                      | NS           | CDBV                                         | 19500-2464-09                         | /420                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5553                      | 3B           | CDWR                                         | 19500-2809-10                         | /420                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5553                       | 3B           | CDWR                                         | 19500-2829-10                         | /420                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5553                       | NS           | CDBV                                         | 19500-2464-09                         | /420                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5553 3/                   | NS           | CDBV                                         | 19500-128-02                          | /420                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N5553US                     | 3B           | CDWR                                         | 19500-2829-10                         | /420                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5553US                    | NS           | CDBV                                         | 19500-3364-11                         | /420                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5553US                    | 3B           | CDWR                                         | 19500-2809-10                         | /420                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5554                       | NS           | CDBV                                         | 19500-2464-09                         | /420                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N5554                       | 3B           | CDWR                                         | 19500-2829-10                         | /420                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5554                      | 3B           | CDWR                                         | 19500-2809-10                         | /420                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5554                      | NS           | CDBV                                         | 19500-2464-09                         | /420                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5554 3/                   | NS           | CDBV                                         | 19500-128-02                          | /420                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N5554US                     | 3B           | CDWR                                         | 19500-2829-10                         | /420                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5554US                    | 3B           | CDWR                                         | 19500-2809-10                         | /420                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5554US                    | NS           | CDBV                                         | 19500-3364-11                         | /420                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5555                      | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5555                      | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5556                      | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5556                      | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5557                      | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5557                      | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5558                      | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5558                      | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N5610                      | NS           | CDWR                                         | 19500-3409-12                         | /434                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N5610 3/                   | NS           | CDWR                                         | 19500-3253-11                         | /434                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5610 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /434                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N5610 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /434                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N5611                      | NS           | CDWR                                         | 19500-3409-12                         | /434                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N5611 3/                   | NS           | CDWR                                         | 19500-3253-11                         | /434                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5611 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /434                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N5611 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /434                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N5612                      | NS           | CDWR                                         | 19500-3409-12                         | /434                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N5612 3/                   | NS           | CDWR                                         | 19500-3253-11                         | /434                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5612 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /434                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N5612 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /434                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N5613                      | NS           | CDWR                                         | 19500-3409-12                         | /434                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N5613 3/                   | NS           | CDWR                                         | 19500-3253-11                         | /434                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5613 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /434                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N5613 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /434                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N5614                      | 3B           | CQN                                          | 19500-2991-10                         | /427                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5614                       | NS           | CDBV                                         | 19500-2638-09                         | /427                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5614                      | NS           | CDBV                                         | 19500-2464-09                         | /427                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N5614                       | 3B           | CQN                                          | 19500-3132-11                         | /427                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5614 3/                   | NS           | CDBV                                         | 19500-128-02                          | /427                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N5614 5/                   | 3A           | CCZL                                         | 19500-2270-08                         | /427                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N5614 5/                    | 3A           | CCZL                                         | 19500-2599-09                         | /427                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N5614 6/                   | NS           | CDWR                                         | 19500-3919-13                         | /427                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5614 6/                    | NS           | CDWR                                         | 19500-3919-13                         | /427                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5614US                     | 3B           | CQN                                          | 19500-3132-11                         | /427                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5614US                    | 3B           | CQN                                          | 19500-2991-10                         | /427                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5614US 5/                 | 3A           | CCZL                                         | 19500-2270-08                         | /427                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N5614US 5/                  | 3A           | CCZL                                         | 19500-2599-09                         | /427                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N5614US 6/                 | NS           | CDWR                                         | 19500-3919-13                         | /427                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5614US 6/                  | NS           | CDWR                                         | 19500-3919-13                         | /427                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5615                       | 3B           | CQN                                          | 19500-3069-11                         | /429                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5615                      | NS           | CDBV                                         | 19500-2464-09                         | /429                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5615                      | 3B           | CDWR                                         | 19500-2809-10                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5615                       | 3B           | CDWR                                         | 19500-2829-10                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5615                       | NS           | CDBV                                         | 19500-2797-10                         | /429                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5615                      | 3B           | CQN                                          | 19500-3069-11                         | /429                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5615 3/                   | NS           | CDWR                                         | 19500-3597-12                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5615 3/                   | NS           | CDBV                                         | 19500-128-02                          | /429                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N5615US                     | 3B           | CQN                                          | 19500-3069-11                         | /429                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5615US                    | 3B           | CDWR                                         | 19500-2809-10                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5615US                    | 3B           | CQN                                          | 19500-3069-11                         | /429                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5615US                     | 3B           | CDWR                                         | 19500-2829-10                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5615US 3/                 | NS           | CDWR                                         | 19500-3597-12                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N5616                       | 3B           | CQN                                          | 19500-3132-11                         | /427                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5616                      | NS           | CDBV                                         | 19500-2464-09                         | /427                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5616                      | 3B           | CQN                                          | 19500-2991-10                         | /427                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5616                       | NS           | CDBV                                         | 19500-2638-09                         | /427                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5616 3/                   | NS           | CDBV                                         | 19500-128-02                          | /427                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N5616 5/                   | 3A           | CCZL                                         | 19500-2270-08                         | /427                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N5616 5/                    | 3A           | CCZL                                         | 19500-2599-09                         | /427                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N5616 6/                    | NS           | CDWR                                         | 19500-3919-13                         | /427                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5616 6/                   | NS           | CDWR                                         | 19500-3919-13                         | /427                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5616US                     | 3B           | CQN                                          | 19500-3132-11                         | /427                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5616US                    | 3B           | CQN                                          | 19500-2991-10                         | /427                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5616US 5/                  | 3A           | CCZL                                         | 19500-2599-09                         | /427                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N5616US 5/                 | 3A           | CCZL                                         | 19500-2270-08                         | /427                 | D                            | 12954                                              | Microsemi Corporation (B1)              |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N5616US 6/                 | NS           | CDWR                                         | 19500-3919-13                         | /427                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5616US 6/                  | NS           | CDWR                                         | 19500-3919-13                         | /427                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5617                      | NS           | CDBV                                         | 19500-2464-09                         | /429                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N5617                       | 3B           | CQN                                          | 19500-3069-11                         | /429                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5617                      | 3B           | CQN                                          | 19500-3069-11                         | /429                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5617                       | NS           | CDBV                                         | 19500-2797-10                         | /429                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N5617                       | 3B           | CDWR                                         | 19500-2829-10                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5617                      | 3B           | CDWR                                         | 19500-2809-10                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5617 3/                   | NS           | CDBV                                         | 19500-128-02                          | /429                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N5617 3/                   | NS           | CDWR                                         | 19500-3597-12                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5617US                    | 3B           | CDWR                                         | 19500-2809-10                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5617US                     | 3B           | CDWR                                         | 19500-2829-10                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5617US                     | 3B           | CQN                                          | 19500-3069-11                         | /429                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5617US                    | 3B           | CQN                                          | 19500-3069-11                         | /429                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5617US 3/                 | NS           | CDWR                                         | 19500-3597-12                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5618                      | 3B           | CQN                                          | 19500-2991-10                         | /427                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5618                       | NS           | CDBV                                         | 19500-2638-09                         | /427                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5618                      | NS           | CDBV                                         | 19500-2464-09                         | /427                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N5618                       | 3B           | CQN                                          | 19500-3132-11                         | /427                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5618 3/                   | NS           | CDBV                                         | 19500-128-02                          | /427                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N5618 5/                    | 3A           | CCZL                                         | 19500-2599-09                         | /427                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N5618 5/                   | 3A           | CCZL                                         | 19500-2270-08                         | /427                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N5618 6/                   | NS           | CDWR                                         | 19500-3919-13                         | /427                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5618 6/                    | NS           | CDWR                                         | 19500-3919-13                         | /427                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5618US                     | 3B           | CQN                                          | 19500-3132-11                         | /427                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5618US                    | 3B           | CQN                                          | 19500-2991-10                         | /427                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5618US 5/                 | 3A           | CCZL                                         | 19500-2270-08                         | /427                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N5618US 5/                  | 3A           | CCZL                                         | 19500-2599-09                         | /427                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N5618US 6/                 | NS           | CDWR                                         | 19500-3919-13                         | /427                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5618US 6/                  | NS           | CDWR                                         | 19500-3919-13                         | /427                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5619                      | 3B           | CDWR                                         | 19500-2809-10                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5619                       | 3B           | CQN                                          | 19500-3069-11                         | /429                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5619                      | NS           | CDBV                                         | 19500-2464-09                         | /429                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5619                      | 3B           | CQN                                          | 19500-3069-11                         | /429                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5619                       | 3B           | CDWR                                         | 19500-2829-10                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5619                       | NS           | CDBV                                         | 19500-2797-10                         | /429                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5619 3/                   | NS           | CDBV                                         | 19500-128-02                          | /429                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N5619 3/                   | NS           | CDWR                                         | 19500-3597-12                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5619US                    | 3B           | CDWR                                         | 19500-2809-10                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5619US                     | 3B           | CQN                                          | 19500-3069-11                         | /429                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5619US                    | 3B           | CQN                                          | 19500-3069-11                         | /429                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5619US                     | 3B           | CDWR                                         | 19500-2829-10                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5619US 3/                 | NS           | CDWR                                         | 19500-3597-12                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N5620                       | 3B           | CQN                                          | 19500-3132-11                         | /427                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5620                       | NS           | CDBV                                         | 19500-2638-09                         | /427                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5620                      | NS           | CDBV                                         | 19500-2464-09                         | /427                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5620                      | 3B           | CQN                                          | 19500-2991-10                         | /427                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5620 5/                   | 3A           | CCZL                                         | 19500-2270-08                         | /427                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N5620 5/                    | 3A           | CCZL                                         | 19500-2599-09                         | /427                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N5620 6/                    | NS           | CDWR                                         | 19500-3919-13                         | /427                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5620 6/                   | NS           | CDWR                                         | 19500-3919-13                         | /427                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5620US                     | 3B           | CQN                                          | 19500-3132-11                         | /427                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5620US                    | 3B           | CQN                                          | 19500-2991-10                         | /427                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5620US 5/                  | 3A           | CCZL                                         | 19500-2599-09                         | /427                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N5620US 5/                 | 3A           | CCZL                                         | 19500-2270-08                         | /427                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N5620US 6/                  | NS           | CDWR                                         | 19500-3919-13                         | /427                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5620US 6/                 | NS           | CDWR                                         | 19500-3919-13                         | /427                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N5621                      | 3B           | CDWR                                         | 19500-2809-10                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5621                       | 3B           | CQN                                          | 19500-3069-11                         | /429                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5621                       | 3B           | CDWR                                         | 19500-2829-10                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5621                       | NS           | CDBV                                         | 19500-2797-10                         | /429                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5621                      | NS           | CDBV                                         | 19500-2464-09                         | /429                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5621                      | 3B           | CQN                                          | 19500-3069-11                         | /429                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5621 3/                   | NS           | CDWR                                         | 19500-3597-12                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5621 3/                   | NS           | CDBV                                         | 19500-128-02                          | /429                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N5621US                    | 3B           | CDWR                                         | 19500-2809-10                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5621US                     | 3B           | CDWR                                         | 19500-2829-10                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5621US                     | 3B           | CQN                                          | 19500-3069-11                         | /429                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5621US                    | 3B           | CQN                                          | 19500-3069-11                         | /429                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5621US 3/                 | NS           | CDWR                                         | 19500-3597-12                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5622                      | NS           | CDBV                                         | 19500-2464-09                         | /427                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5622                      | 3B           | CQN                                          | 19500-2991-10                         | /427                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5622                       | NS           | CDBV                                         | 19500-2638-09                         | /427                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N5622                       | 3B           | CQN                                          | 19500-3132-11                         | /427                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5622 5/                    | 3A           | CCZL                                         | 19500-2599-09                         | /427                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N5622 5/                   | 3A           | CCZL                                         | 19500-2270-08                         | /427                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N5622 6/                   | NS           | CDWR                                         | 19500-3919-13                         | /427                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5622 6/                    | NS           | CDWR                                         | 19500-3919-13                         | /427                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5622US                     | 3B           | CQN                                          | 19500-3132-11                         | /427                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5622US                    | 3B           | CQN                                          | 19500-2991-10                         | /427                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5622US 5/                 | 3A           | CCZL                                         | 19500-2270-08                         | /427                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N5622US 5/                  | 3A           | CCZL                                         | 19500-2599-09                         | /427                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N5622US 6/                 | NS           | CDWR                                         | 19500-3919-13                         | /427                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5622US 6/                  | NS           | CDWR                                         | 19500-3919-13                         | /427                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5623                      | NS           | CDBV                                         | 19500-2464-09                         | /429                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N5623                       | 3B           | CQN                                          | 19500-3069-11                         | /429                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5623                      | 3B           | CDWR                                         | 19500-2809-10                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5623                       | 3B           | CDWR                                         | 19500-2829-10                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5623                       | NS           | CDBV                                         | 19500-2797-10                         | /429                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5623                      | 3B           | CQN                                          | 19500-3069-11                         | /429                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5623 3/                   | NS           | CDWR                                         | 19500-3597-12                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5623 3/                   | NS           | CDBV                                         | 19500-128-02                          | /429                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N5623US                     | 3B           | CDWR                                         | 19500-2829-10                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5623US                    | 3B           | CDWR                                         | 19500-2809-10                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5623US                    | 3B           | CQN                                          | 19500-3069-11                         | /429                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5623US                     | 3B           | CQN                                          | 19500-3069-11                         | /429                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5623US 3/                 | NS           | CDWR                                         | 19500-3597-12                         | /429                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5629A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5629A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5630A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5630A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5631A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5631A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5632A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5632A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5633A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5633A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5634A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5634A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5635A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5635A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5636A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5636A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N5637A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N5637A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5638A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5638A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5639A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5639A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5640A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5640A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5641A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5641A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5642A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5642A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5643A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5643A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5644A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5644A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5645A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5645A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5646A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5646A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5647A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5647A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5648A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5648A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5649A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5649A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5650A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5650A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5651A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5651A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5652A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5652A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5653A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5653A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5654A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5654A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5655A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5655A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5656A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5656A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5657A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5657A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5658A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5658A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5659A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5659A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5660A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5660A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5661A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5661A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5662A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5662A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5663A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5663A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5664A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N5664A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5665A                     | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5665A                     | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| JANKCA 1N5711                  |              | CDWR                                         | 19500-1290-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCA 1N5711                  |              | CDWR                                         | 19500-1290-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5711-1                    | 0            | CDWR                                         | 19500-1422-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5711UB                    | 0            | CDWR                                         | 19500-1290-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5711UB                     | 0            | CDWR                                         | 19500-2837-10                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5711UBCA                  | 0            | CDWR                                         | 19500-1290-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5711UBCA                   | 0            | CDWR                                         | 19500-2837-10                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5711UBCC                  | 0            | CDWR                                         | 19500-1290-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5711UBCC                   | 0            | CDWR                                         | 19500-2837-10                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5711UBD                    | 0            | CDWR                                         | 19500-2837-10                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5711UBD                   | 0            | CDWR                                         | 19500-1290-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5711UR-1                  | 0            | CDWR                                         | 19500-1422-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCA 1N5712                  |              | CDWR                                         | 19500-1290-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCA 1N5712                  |              | CDWR                                         | 19500-1290-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5712-1                    | 0            | CDWR                                         | 19500-1422-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5712UB                    | 0            | CDWR                                         | 19500-1290-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5712UB                     | 0            | CDWR                                         | 19500-2837-10                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5712UBCA                   | 0            | CDWR                                         | 19500-2837-10                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5712UBCA                  | 0            | CDWR                                         | 19500-1290-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5712UBCC                  | 0            | CDWR                                         | 19500-1290-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5712UBCC                   | 0            | CDWR                                         | 19500-2837-10                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5712UBD                    | 0            | CDWR                                         | 19500-2837-10                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5712UBD                   | 0            | CDWR                                         | 19500-1290-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5712UR-1                  | 0            | CDWR                                         | 19500-1422-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| + 1N5765                       | 1A           | CEJG                                         | 19500-1567-06                         | /467                 | D                            | 31757                                              | Micropac Industries, Inc. (3)           |
| * 1N5765 4/                    | 3A           | CEJG                                         | 19500-167-02                          | /467                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| ** 1N5768                      | 2            | CDWR                                         | 19500-2438-09                         | /474                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5770                      | 2            | CDWR                                         | 19500-2438-09                         | /474                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5772                      | 2            | CDWR                                         | 19500-2438-09                         | /474                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5774                      | 2            | CDWR                                         | 19500-2438-09                         | /474                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5802                      | 3B           | CQN                                          | 19500-3151-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5802                       | NS           | CDBV                                         | 19500-2511-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5802                      | NS           | CDBV                                         | 19500-2474-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| JANHCE 1N5802                  |              | CHRC                                         | 19500-3850-13                         | /477                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N5802                       | NS           | CDWR                                         | 19500-2358-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5802                      | NS           | CDWR                                         | 19500-2254-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCE 1N5802                  |              | CDWR                                         | 19500-1362-05                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCE 1N5802                  |              | CHRC                                         | 19500-3850-13                         | /477                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N5802                       | 3B           | CQN                                          | 19500-3151-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| JANHCE 1N5802                  |              | CDWR                                         | 19500-1362-05                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5802URS                   | NS           | CDWR                                         | 19500-2254-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5802URS                    | NS           | CDWR                                         | 19500-2358-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5802US                    | NS           | CDBV                                         | 19500-2474-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5802US                    | 3B           | CQN                                          | 19500-3151-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5802US                     | 3B           | CQN                                          | 19500-3151-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5802US                    | NS           | CDWR                                         | 19500-2254-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5802US                     | NS           | CDWR                                         | 19500-2358-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5802US                     | NS           | CDBV                                         | 19500-2511-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5804                      | 3B           | CQN                                          | 19500-3151-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| JANHCE 1N5804                  |              | CHRC                                         | 19500-3850-13                         | /477                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANHCE 1N5804                  |              | CDWR                                         | 19500-1362-05                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5804                       | 3B           | CQN                                          | 19500-3151-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| JANKCE 1N5804                  |              | CDWR                                         | 19500-1362-05                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5804                       | NS           | CDBV                                         | 19500-2511-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| JANKCE 1N5804                  |              | CHRC                                         | 19500-3850-13                         | /477                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N5804                       | NS           | CDWR                                         | 19500-2358-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5804                      | NS           | CDWR                                         | 19500-2254-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N5804                      | NS           | CDBV                                         | 19500-2474-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5804URS                   | NS           | CDWR                                         | 19500-2254-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5804URS                    | NS           | CDWR                                         | 19500-2358-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5804US                    | NS           | CDBV                                         | 19500-2474-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N5804US                     | 3B           | CQN                                          | 19500-3151-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5804US                    | NS           | CDWR                                         | 19500-2254-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5804US                    | 3B           | CQN                                          | 19500-3151-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5804US                     | NS           | CDWR                                         | 19500-2358-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5804US                     | NS           | CDBV                                         | 19500-2511-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N5806                       | 3B           | CQN                                          | 19500-3151-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5806                      | NS           | CDWR                                         | 19500-2254-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5806                      | NS           | CDBV                                         | 19500-2474-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| JANKCE 1N5806                  |              | CHRC                                         | 19500-3850-13                         | /477                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5806                      | 3B           | CQN                                          | 19500-3151-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5806                       | NS           | CDWR                                         | 19500-2358-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCE 1N5806                  |              | CDWR                                         | 19500-1362-05                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCE 1N5806                  |              | CHRC                                         | 19500-3850-13                         | /477                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N5806                       | NS           | CDBV                                         | 19500-2511-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| JANHCE 1N5806                  |              | CDWR                                         | 19500-1362-05                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5806URS                    | NS           | CDWR                                         | 19500-2358-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5806URS                   | NS           | CDWR                                         | 19500-2254-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5806US                     | NS           | CDBV                                         | 19500-2511-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5806US                    | NS           | CDWR                                         | 19500-2254-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5806US                    | NS           | CDBV                                         | 19500-2474-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5806US                    | 3B           | CQN                                          | 19500-3151-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5806US                     | NS           | CDWR                                         | 19500-2358-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5806US                     | 3B           | CQN                                          | 19500-3151-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5807                       | NS           | CDWR                                         | 19500-2358-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCE 1N5807                  |              | CHRC                                         | 19500-3850-13                         | /477                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANKCE 1N5807                  |              | CHRC                                         | 19500-3850-13                         | /477                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N5807                       | NS           | CDWR                                         | 19500-3560-12                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5807                       | NS           | CDBV                                         | 19500-2511-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| JANHCE 1N5807                  |              | CDWR                                         | 19500-1362-05                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5807                      | NS           | CDWR                                         | 19500-2254-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5807                       | 3B           | CQN                                          | 19500-3315-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5807                      | 3B           | CQN                                          | 19500-3315-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| JANKCE 1N5807                  |              | CDWR                                         | 19500-1362-05                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5807                      | NS           | CDWR                                         | 19500-3560-12                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5807                      | NS           | CDBV                                         | 19500-2474-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5807CB                    | NS           | CDWR                                         | 19500-1983-07                         | /742                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5807URS                    | NS           | CDWR                                         | 19500-3560-12                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5807URS                   | NS           | CDWR                                         | 19500-3560-12                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5807US                    | NS           | CDBV                                         | 19500-2474-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N5807US                     | NS           | CDWR                                         | 19500-3560-12                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5807US                    | 3B           | CQN                                          | 19500-3315-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5807US                     | 3B           | CQN                                          | 19500-3315-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5807US                    | NS           | CDWR                                         | 19500-3560-12                         | /477                 | D                            | 43611                                              |                                         |
| S 1N5807US                     | NS           | CDBV                                         | 19500-2511-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5807US                    | NS           | CDWR                                         | 19500-3560-12                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCE 1N5809                  |              | CDWR                                         | 19500-1362-05                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5809                      | NS           | CDWR                                         | 19500-2254-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5809                      | 3B           | CQN                                          | 19500-3315-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5809                       | NS           | CDWR                                         | 19500-2358-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCE 1N5809                  |              | CHRC                                         | 19500-3850-13                         | /477                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N5809                       | 3B           | CQN                                          | 19500-3315-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5809                       | NS           | CDBV                                         | 19500-2511-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5809                      | NS           | CDWR                                         | 19500-3560-12                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N5809                       | NS           | CDWR                                         | 19500-3560-12                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCE 1N5809                  |              | CDWR                                         | 19500-1362-05                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5809                      | NS           | CDBV                                         | 19500-2474-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| JANKCE 1N5809                  |              | CHRC                                         | 19500-3850-13                         | /477                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N5809CB                    | NS           | CDWR                                         | 19500-1983-07                         | /742                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5809URS                   | NS           | CDWR                                         | 19500-3560-12                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5809URS                    | NS           | CDWR                                         | 19500-3560-12                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5809US                    | NS           | CDWR                                         | 19500-3560-12                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5809US                    | NS           | CDBV                                         | 19500-2474-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N5809US                     | NS           | CDWR                                         | 19500-3560-12                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5809US                     | NS           | CDBV                                         | 19500-2511-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N5809US                     | 3B           | CQN                                          | 19500-3315-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5809US                    | 3B           | CQN                                          | 19500-3315-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| JANKCE 1N5811                  |              | CHRC                                         | 19500-3850-13                         | /477                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N5811                       | NS           | CDWR                                         | 19500-3560-12                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCE 1N5811                  |              | CDWR                                         | 19500-1362-05                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5811                      | NS           | CDWR                                         | 19500-3560-12                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5811                       | NS           | CDWR                                         | 19500-2358-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5811                       | NS           | CDBV                                         | 19500-2511-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| JANHCE 1N5811                  |              | CHRC                                         | 19500-3850-13                         | /477                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N5811                       | 3B           | CQN                                          | 19500-3315-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5811                      | NS           | CDBV                                         | 19500-2474-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5811                      | NS           | CDWR                                         | 19500-2254-08                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5811                      | 3B           | CQN                                          | 19500-3315-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| JANHCE 1N5811                  |              | CDWR                                         | 19500-1362-05                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5811URS                   | NS           | CDWR                                         | 19500-3560-12                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5811URS                    | NS           | CDWR                                         | 19500-3560-12                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5811US                    | NS           | CDBV                                         | 19500-2474-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N5811US                    | NS           | CDWR                                         | 19500-3560-12                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5811US                    | 3B           | CQN                                          | 19500-3315-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N5811US                     | NS           | CDWR                                         | 19500-3560-12                         | /477                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5811US                     | NS           | CDBV                                         | 19500-2511-09                         | /477                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N5811US                     | 3B           | CQN                                          | 19500-3315-11                         | /477                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N5812                      | 1C           | CDWR                                         | 19500-2250-08                         | /478                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N5812                       | 3A           | CDWR                                         | 19500-2374-08                         | /478                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N5812 3/                   | 3B           | CDWR                                         | 19500-1981-07                         | /478                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N5812R                     | 1C           | CDWR                                         | 19500-2250-08                         | /478                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N5812R                      | 3A           | CDWR                                         | 19500-2374-08                         | /478                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N5812R 3/                  | 3B           | CDWR                                         | 19500-1981-07                         | /478                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| S 1N5814                       | 3A           | CDWR                                         | 19500-2374-08                         | /478                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N5814                      | 1C           | CDWR                                         | 19500-2250-08                         | /478                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N5814 3/                   | 3B           | CDWR                                         | 19500-1981-07                         | /478                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| S 1N5814R                      | 3A           | CDWR                                         | 19500-2374-08                         | /478                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N5814R                     | 1C           | CDWR                                         | 19500-2250-08                         | /478                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N5814R 3/                  | 3B           | CDWR                                         | 19500-1981-07                         | /478                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| S 1N5816                       | 3A           | CDWR                                         | 19500-2374-08                         | /478                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N5816                      | 1C           | CDWR                                         | 19500-2250-08                         | /478                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N5816 3/                   | 3B           | CDWR                                         | 19500-1981-07                         | /478                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N5816R                     | 1C           | CDWR                                         | 19500-2250-08                         | /478                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N5816R                      | 3A           | CDWR                                         | 19500-2374-08                         | /478                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N5816R 3/                  | 3B           | CDWR                                         | 19500-1981-07                         | /478                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| JANKCA 1N5819                  |              | CDWR                                         | 19500-2891-10                         | /586J                | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCA 1N5819                  | 3A           | CDWR                                         | 19500-1264-05                         | /586                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5819-1                    | 3A           | CDWR                                         | 19500-815-04                          | /586                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5819-1                     | 3A           | CDWR                                         | 19500-1546-06                         | /586                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N5819UR-1                  | 3A           | CDWR                                         | 19500-815-04                          | /586                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N5819UR-1                   | 3A           | CDWR                                         | 19500-1546-06                         | /586                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N5822                       | 2            | CDWR                                         | 19500-1981-07                         | /620                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 1N5822                  |              | CDWR                                         | 19500-1285-05                         | /620                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N5822                  |              | CDWR                                         | 19500-1285-05                         | /620                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5822                      | 2            | CDWR                                         | 19500-749-03                          | /620                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5822US                     | 2            | CDWR                                         | 19500-817-04                          | /620                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5822US                    | 2            | CDWR                                         | 19500-749-03                          | /620                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5907                      | NS           | CDWR                                         | 19500-2996-10                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5907                      | NS           | CDWR                                         | 19500-2450-09                         | /500                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| S 1N5968                       | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5968                      | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5968C                      | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5968C                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5968D                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5968D                      | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5968US                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5968US                    | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5969                      | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5969                       | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5969CUS                    | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5969CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5969DUS                    | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5969DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N5969US                    | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N5969US                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6036A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6036A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N6037A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6037A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N6038A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N6038A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6039A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N6039A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6040A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6040A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N6041A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6041A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N6042A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6042A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N6043A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N6043A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6044A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6044A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N6045A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6045A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N6046A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6046A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N6047A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6047A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N6048A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6048A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N6049A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6049A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N6050A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N6050A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6051A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6051A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)        |
| ** 1N6052A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)        |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6052A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6053A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6053A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6054A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6054A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6055A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6055A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6056A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6056A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6057A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6057A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6058A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6058A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6059A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6059A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6060A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6060A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6061A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6061A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6062A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6062A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6063A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6063A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6064A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6064A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6065A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6065A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6066A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6066A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6067A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6067A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6068A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6068A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6069A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6069A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6070A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6070A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6071A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6071A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6072A                     | NS           | CDWR                                         | 19500-2444-09                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6072A                     | NS           | CDWR                                         | 19500-3025-10                         | /507                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6073                      | NS           | CDBV                                         | 19500-2474-09                         | /503                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6073                      | NS           | CDWR                                         | 19500-2358-08                         | /503                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6074                      | NS           | CDWR                                         | 19500-2358-08                         | /503                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6074                      | NS           | CDBV                                         | 19500-2474-09                         | /503                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6075                      | NS           | CDWR                                         | 19500-2358-08                         | /503                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6075                      | NS           | CDBV                                         | 19500-2474-09                         | /503                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6076                      | NS           | CDBV                                         | 19500-2474-09                         | /503                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6076                      | NS           | CDWR                                         | 19500-2358-08                         | /503                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6076                      | NS           | CDWR                                         | 19500-3560-12                         | /503                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6077                      | NS           | CDBV                                         | 19500-2474-09                         | /503                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6077                      | NS           | CDWR                                         | 19500-2358-08                         | /503                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6077                      | NS           | CDWR                                         | 19500-3560-12                         | /503                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6078                      | NS           | CDWR                                         | 19500-2358-08                         | /503                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6078                      | NS           | CDWR                                         | 19500-3560-12                         | /503                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6078                      | NS           | CDBV                                         | 19500-2474-09                         | /503                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6079                      | NS           | CDWR                                         | 19500-3447-12                         | /503                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6079                      | NS           | CDBV                                         | 19500-2474-09                         | /503                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6080                      | NS           | CDBV                                         | 19500-2474-09                         | /503                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6080                      | NS           | CDWR                                         | 19500-3447-12                         | /503                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6081                      | NS           | CDWR                                         | 19500-3447-12                         | /503                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| * 1N6092                       | 1A           | CEJG                                         | 19500-1708-86                         | /519                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| * 1N6093                       | 1A           | CEJG                                         | 19500-1567-06                         | /520                 | D                            | 31757                                              | Micropac Industries, Inc. (3)           |
| * 1N6093                       | 1A           | CEJG                                         | 19500-1708-86                         | /520                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| * 1N6094                       | 1A           | CEJG                                         | 19500-1567-06                         | /521                 | D                            | 31757                                              | Micropac Industries, Inc. (3)           |
| * 1N6094                       | 1A           | CEJG                                         | 19500-1708-86                         | /521                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| ** 1N6100                      | 2            | CDWR                                         | 19500-2438-09                         | /474                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6101                      | 2            | CDWR                                         | 19500-2438-09                         | /474                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6102                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6102                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6102 3/                   | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6102A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6102A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6102A 3/                  | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6102AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6102AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6102AUS 3/                | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6102US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6102US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6102US 3/                 | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6103                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6103                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6103                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6103 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6103 5/                   | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6103 5/                    | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6103A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6103A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6103A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6103A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6103A 3/                  | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6103A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6103A 5/                   | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6103A 5/                  | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6103AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6103AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6103AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6103AUS 3/                | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6103AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6103AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6103AUS 5/                | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6103AUS 5/                 | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6103US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6103US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6103US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6103US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6103US 5/                 | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6103US 5/                  | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6104                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6104                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6104                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6104 3/                   | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6104 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6104 3/                    | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6104 5/                   | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6104 5/                    | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6104A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6104A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6104A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6104A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6104A 3/                  | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6104A 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6104A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6104A 5/                   | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6104A 5/                  | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6104AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6104AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6104AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6104AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6104AUS 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6104AUS 3/                | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6104AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6104AUS 5/                | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6104AUS 5/                 | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6104US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6104US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6104US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6104US 3/                 | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6104US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6104US 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6104US 5/                  | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6104US 5/                 | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6105                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6105                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6105                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6105 3/                   | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6105 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6105 3/                    | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6105 3/, 5/                | NS           | CCZL                                         | 19500-2595-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6105 5/                    | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6105 5/                   | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6105A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6105A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6105A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6105A 3/                  | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6105A 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6105A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6105A 3/, 5/               | NS           | CCZL                                         | 19500-2595-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6105A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6105A 5/                  | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6105A 5/                   | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6105AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6105AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6105AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6105AUS 3/                | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6105AUS 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6105AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6105AUS 3/, 5/             | NS           | CCZL                                         | 19500-2595-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6105AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6105AUS 5/                 | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6105AUS 5/                | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6105US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6105US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6105US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6105US 3/                 | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6105US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6105US 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6105US 3/, 5/              | NS           | CCZL                                         | 19500-2595-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6105US 5/                 | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6105US 5/                  | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6106                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6106                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6106                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6106 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6106 3/                   | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6106 3/                    | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6106 3/, 5/                | NS           | CCZL                                         | 19500-2595-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6106 5/                   | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6106 5/                    | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6106A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6106A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6106A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6106A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6106A 3/                  | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6106A 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6106A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6106A 3/, 5/               | NS           | CCZL                                         | 19500-2595-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6106A 5/                  | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6106A 5/                   | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6106AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6106AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6106AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6106AUS 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6106AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6106AUS 3/                | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6106AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6106AUS 3/, 5/             | NS           | CCZL                                         | 19500-2595-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6106AUS 5/                | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6106AUS 5/                 | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6106US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6106US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6106US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6106US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6106US 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6106US 3/                 | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6106US 3/, 5/              | NS           | CCZL                                         | 19500-2595-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6106US 5/                 | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6106US 5/                  | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6107                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6107                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6107                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6107                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6107 3/                   | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6107 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6107 3/, 5/                | NS           | CCZL                                         | 19500-2595-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6107 5/                    | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6107 5/                   | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6107A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N6107A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6107A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6107A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6107A 3/                  | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6107A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6107A 3/, 5/               | NS           | CCZL                                         | 19500-2595-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6107A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6107A 5/                   | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6107A 5/                  | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6107AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6107AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6107AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6107AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6107AUS 3/                | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6107AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6107AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6107AUS 3/, 5/             | NS           | CCZL                                         | 19500-2595-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6107AUS 5/                | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6107AUS 5/                 | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6107US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6107US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6107US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6107US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6107US 3/                 | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6107US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6107US 3/, 5/              | NS           | CCZL                                         | 19500-2595-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6107US 5/                  | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6107US 5/                 | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6108                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6108                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6108                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6108                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6108 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6108 3/                    | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6108 3/                   | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6108 3/, 5/                | NS           | CCZL                                         | 19500-2595-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6108 5/                   | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6108 5/                    | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6108A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6108A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6108A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6108A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6108A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6108A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6108A 3/                  | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6108A 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6108A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6108A 3/, 5/               | NS           | CCZL                                         | 19500-2595-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6108A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6108A 5/                  | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6108A 5/                   | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6108AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6108AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6108AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6108AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6108AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6108AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6108AUS 3/                | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6108AUS 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6108AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6108AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6108AUS 3/, 5/             | NS           | CCZL                                         | 19500-2595-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6108AUS 5/                 | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6108AUS 5/                | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6108US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6108US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6108US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6108US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6108US 3/                 | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6108US 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6108US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6108US 3/, 5/              | NS           | CCZL                                         | 19500-2595-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6108US 5/                  | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6108US 5/                 | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6109                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6109                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6109                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6109                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6109 3/                    | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6109 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6109 3/                   | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6109 5/                   | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6109 5/                    | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6109A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6109A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6109A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6109A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6109A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6109A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6109A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6109A 3/                  | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6109A 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6109A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6109A 3/, 5/               | NS           | CCZL                                         | 19500-2480-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6109A 5/                  | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6109A 5/                   | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6109AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6109AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6109AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6109AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6109AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6109AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6109AUS 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6109AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6109AUS 3/                | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6109AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6109AUS 3/, 5/             | NS           | CCZL                                         | 19500-2480-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6109AUS 5/                 | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6109AUS 5/                | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6109US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6109US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6109US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6109US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6109US 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6109US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6109US 3/                 | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6109US 5/                  | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6109US 5/                 | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6110                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6110                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6110                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6110                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6110 3/                    | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6110 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6110 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6110 5/                    | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6110 5/                   | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6110A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6110A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6110A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6110A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6110A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6110A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6110A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6110A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6110A 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6110A 3/, 5/               | NS           | CCZL                                         | 19500-2480-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6110A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6110A 5/                   | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6110A 5/                  | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6110AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6110AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6110AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6110AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6110AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6110AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6110AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6110AUS 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6110AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6110AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6110AUS 3/, 5/             | NS           | CCZL                                         | 19500-2480-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6110AUS 5/                | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6110AUS 5/                 | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6110US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6110US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6110US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6110US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6110US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6110US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6110US 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6110US 5/                  | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6110US 5/                 | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6111                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6111                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6111                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6111                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6111 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6111 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6111 5/                   | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6111 5/                    | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6111A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6111A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6111A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6111A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6111A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6111A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6111A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6111A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6111A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6111A 3/, 5/               | NS           | CCZL                                         | 19500-2480-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6111A 5/                   | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6111A 5/                  | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6111AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6111AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6111AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6111AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6111AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6111AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6111AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6111AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6111AUS 3/, 5/             | NS           | CCZL                                         | 19500-2480-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6111AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6111AUS 5/                 | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6111AUS 5/                | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6111US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6111US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6111US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6111US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6111US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6111US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6111US 5/                  | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6111US 5/                 | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6112                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6112                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6112                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6112                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6112 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6112 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6112 5/                   | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6112 5/                    | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6112A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6112A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6112A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6112A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6112A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6112A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6112A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6112A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6112A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6112A 3/, 5/               | NS           | CCZL                                         | 19500-2480-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6112A 5/                   | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6112A 5/                  | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6112AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6112AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6112AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6112AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6112AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6112AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6112AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6112AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6112AUS 3/, 5/             | NS           | CCZL                                         | 19500-2480-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6112AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6112AUS 5/                | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6112AUS 5/                 | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6112US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6112US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6112US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6112US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6112US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6112US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6112US 5/                 | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6112US 5/                  | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6113                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6113                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6113                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6113                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6113 3/                    | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6113 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6113 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6113 5/                   | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6113 5/                    | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6113A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6113A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6113A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6113A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6113A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6113A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6113A 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6113A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6113A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6113A 3/, 5/               | NS           | CCZL                                         | 19500-2480-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6113A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6113A 5/                   | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6113A 5/                  | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6113AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6113AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6113AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6113AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6113AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6113AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6113AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6113AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6113AUS 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6113AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6113AUS 3/, 5/             | NS           | CCZL                                         | 19500-2480-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6113AUS 5/                 | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6113AUS 5/                | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6113US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6113US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6113US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6113US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6113US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6113US 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6113US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6113US 5/                 | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N6113US 5/                  | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6114                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6114                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6114                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6114                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6114 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6114 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6114 5/                   | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6114 5/                    | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6114A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6114A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6114A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6114A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6114A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6114A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6114A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6114A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6114A 3/ 5/                | NS           | CCZL                                         | 19500-2480-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6114A 3/ 5/               | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6114A 5/                   | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6114A 5/                  | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6114AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6114AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6114AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6114AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6114AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6114AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6114AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6114AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6114AUS 3/ 5/              | NS           | CCZL                                         | 19500-2480-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6114AUS 3/ 5/             | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6114AUS 5/                | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6114AUS 5/                 | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6114US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6114US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6114US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6114US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6114US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6114US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6114US 5/                 | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6114US 5/                  | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6115                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6115                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6115                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6115                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6115 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6115 3/                    | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6115 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6115 5/                   | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6115 5/                    | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6115A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6115A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6115A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6115A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6115A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6115A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6115A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6115A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6115A 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6115A 3/, 5/               | NS           | CCZL                                         | 19500-2480-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6115A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6115A 5/                   | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6115A 5/                  | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6115AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6115AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6115AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6115AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6115AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6115AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6115AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6115AUS 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6115AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6115AUS 3/, 5/             | NS           | CCZL                                         | 19500-2480-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6115AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6115AUS 5/                | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6115AUS 5/                 | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6115US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6115US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6115US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6115US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6115US 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6115US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6115US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6115US 5/                 | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6115US 5/                  | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6116                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6116                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6116                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6116                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6116 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6116 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6116 3/                    | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6116 5/                   | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6116 5/                    | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6116A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6116A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6116A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6116A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6116A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6116A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6116A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6116A 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6116A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| S 1N6116A 3/, 5/               | NS           | CCZL                                         | 19500-2480-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6116A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6116A 5/                  | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6116A 5/                   | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6116AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6116AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6116AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6116AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6116AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6116AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6116AUS 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6116AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6116AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6116AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6116AUS 3/, 5/             | NS           | CCZL                                         | 19500-2480-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6116AUS 5/                 | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6116AUS 5/                | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6116US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6116US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6116US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6116US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6116US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6116US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6116US 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6116US 5/                 | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6116US 5/                  | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6117                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6117                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6117                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6117                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6117 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6117 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6117 3/                    | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6117 5/                    | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6117 5/                   | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6117A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6117A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6117A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6117A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6117A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6117A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6117A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6117A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6117A 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6117A 3/, 5/               | NS           | CCZL                                         | 19500-2480-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6117A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6117A 5/                  | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6117A 5/                   | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6117AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6117AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6117AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6117AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6117AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6117AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6117AUS 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6117AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6117AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6117AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6117AUS 3/, 5/             | NS           | CCZL                                         | 19500-2480-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6117AUS 5/                | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6117AUS 5/                 | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6117US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6117US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6117US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6117US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6117US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6117US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6117US 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6117US 5/                 | NS           | CCZL                                         | 19500-2272-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6117US 5/                  | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6118                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6118                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6118                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6118                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6118 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6118 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6118 5/                   | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6118 5/                    | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6118A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6118A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6118A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6118A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6118A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6118A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6118A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6118A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6118A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6118A 3/, 5/               | NS           | CCZL                                         | 19500-2480-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6118A 5/                  | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6118A 5/                   | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6118AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6118AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6118AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6118AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6118AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6118AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6118AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6118AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6118AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6118AUS 3/, 5/             | NS           | CCZL                                         | 19500-2480-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6118AUS 5/                 | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6118AUS 5/                | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6118US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6118US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6118US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6118US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6118US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6118US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| S 1N6118US 5/                  | NS           | CCZL                                         | 19500-2413-09                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6118US 5/                 | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6119                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6119                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6119                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6119                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6119 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6119 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6119 5/                   | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6119A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6119A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6119A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6119A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6119A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6119A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6119A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6119A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6119A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6119A 5/                  | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6119AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6119AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6119AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6119AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6119AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6119AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6119AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6119AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6119AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6119AUS 5/                | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6119US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6119US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6119US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6119US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6119US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6119US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6119US 5/                 | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6120                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6120                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6120                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6120 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6120 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6120 5/                   | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6120A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6120A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6120A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6120A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6120A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6120A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6120A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6120A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6120A 5/                  | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6120AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6120AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6120AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6120AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6120AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6120AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6120AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6120AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6120AUS 5/                | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6120US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6120US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6120US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6120US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6120US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6120US 5/                 | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6121                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6121                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6121                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6121 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6121 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6121 5/                   | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6121A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6121A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N6121A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6121A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6121A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6121A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6121A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6121A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6121A 5/                  | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6121AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6121AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6121AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6121AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6121AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6121AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6121AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6121AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6121AUS 5/                | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6121US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6121US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6121US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6121US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6121US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6121US 5/                 | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6122                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6122                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6122                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6122 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6122 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6122 5/                   | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6122A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6122A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6122A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6122A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6122A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6122A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6122A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6122A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6122A 5/                  | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6122AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6122AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6122AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6122AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6122AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6122AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6122AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6122AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6122AUS 5/                | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6122US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6122US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6122US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6122US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6122US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6122US 5/                 | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6123                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6123                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6123                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6123 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6123 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6123 5/                   | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6123A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6123A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6123A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6123A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6123A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6123A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6123A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6123A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6123A 5/                  | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6123AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6123AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6123AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6123AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6123AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6123AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6123AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6123AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6123AUS 5/                | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6123US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6123US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6123US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6123US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6123US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6123US 5/                 | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6124                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6124                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6124                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6124 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6124 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6124 5/                   | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6124A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6124A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6124A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6124A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6124A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6124A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6124A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6124A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6124A 5/                  | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6124AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6124AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6124AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6124AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6124AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6124AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6124AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6124AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6124AUS 5/                | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6124US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6124US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6124US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6124US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6124US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6124US 5/                 | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6125                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6125                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6125                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6125 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6125 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6125 5/                   | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6125A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6125A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6125A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6125A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6125A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6125A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6125A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6125A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6125A 5/                  | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6125AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6125AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6125AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6125AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6125AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6125AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6125AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6125AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6125AUS 5/                | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6125US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6125US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6125US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6125US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6125US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6125US 5/                 | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6126                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6126                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6126                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6126 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6126 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6126 5/                   | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6126A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6126A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6126A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6126A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6126A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6126A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6126A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6126A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6126A 5/                  | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6126AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6126AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6126AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6126AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6126AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6126AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6126AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6126AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6126AUS 5/                | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6126US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6126US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6126US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6126US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6126US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6126US 5/                 | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6127                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6127                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6127                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6127 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6127 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6127 5/                   | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6127A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6127A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6127A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6127A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6127A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6127A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6127A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6127A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6127A 5/                  | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6127AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6127AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6127AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6127AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6127AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6127AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6127AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6127AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6127AUS 5/                | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6127US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6127US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6127US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6127US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6127US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6127US 5/                 | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6128                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6128                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6128                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6128 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6128 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6128 5/                   | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6128A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6128A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6128A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6128A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6128A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6128A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6128A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6128A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6128A 5/                  | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6128AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6128AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6128AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6128AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6128AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6128AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6128AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6128AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6128AUS 5/                | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6128US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6128US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N6128US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6128US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6128US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6128US 5/                 | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6129                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6129                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6129                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6129 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6129 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6129 5/                   | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6129A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6129A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6129A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6129A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6129A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6129A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6129A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6129A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6129A 5/                  | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6129AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6129AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6129AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6129AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6129AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6129AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6129AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6129AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6129AUS 5/                | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6129US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6129US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6129US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6129US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6129US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6129US 5/                 | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6130                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6130                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6130                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6130 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6130 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6130 5/                   | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6130A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6130A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6130A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6130A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6130A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6130A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6130A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6130A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6130A 5/                  | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6130AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6130AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6130AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6130AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6130AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6130AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6130AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6130AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6130AUS 5/                | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6130US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6130US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6130US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6130US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6130US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6130US 5/                 | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6131                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6131                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6131                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6131 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6131 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6131 5/                   | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6131A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6131A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6131A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6131A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6131A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6131A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6131A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6131A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6131A 5/                  | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6131AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6131AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6131AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6131AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6131AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6131AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6131AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6131AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6131AUS 5/                | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6131US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6131US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6131US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6131US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6131US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6131US 5/                 | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6132                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6132                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6132                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6132 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6132 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6132 5/                   | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6132A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6132A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6132A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6132A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6132A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6132A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6132A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6132A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6132A 5/                  | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6132AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6132AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6132AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6132AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6132AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6132AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6132AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6132AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6132AUS 5/                | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6132US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6132US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6132US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6132US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6132US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6132US 5/                 | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6133                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6133                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6133                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6133 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6133 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6133 5/                   | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6133A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6133A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6133A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6133A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6133A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6133A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6133A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6133A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6133A 5/                  | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6133AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6133AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6133AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6133AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6133AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6133AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6133AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6133AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6133AUS 5/                | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6133US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6133US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6133US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6133US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6133US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6133US 5/                 | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6134                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6134                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6134                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6134 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6134 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6134A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6134A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6134A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6134A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6134A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6134A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6134A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6134A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6134AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6134AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6134AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6134AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6134AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6134AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6134AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6134AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6134AUS 5/                | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6134US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6134US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6134US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6134US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6134US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6134US 5/                 | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6135                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6135                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6135                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6135 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6135 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6135 5/                   | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6135A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6135A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6135A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6135A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6135A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6135A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6135A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6135A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6135A 5/                  | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6135AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6135AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6135AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6135AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6135AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6135AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6135AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6135AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6135AUS 5/                | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6135US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6135US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6135US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6135US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6135US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6135US 5/                 | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6136                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6136                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6136                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6136 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6136 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6136 5/                   | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6136A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6136A                     | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6136A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6136A                      | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6136A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6136A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6136A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6136A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6136A 5/                  | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6136AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N6136AUS                    | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6136AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6136AUS                   | NS           | CQN                                          | 19500-3769-13                         | /516                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6136AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6136AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6136AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6136AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6136AUS 5/                | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6136US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6136US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6136US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6136US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6136US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6136US 5/                 | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6137                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6137                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6137                      | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6137 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6137 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6137 5/                   | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6137A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6137A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6137A                     | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6137A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6137A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6137A 3/, 5/              | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6137A 5/                  | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6137AUS                   | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| ** 1N6137AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6137AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6137AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6137AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6137AUS 3/, 5/            | NS           | CCZL                                         | 19500-1243-05                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6137AUS 5/                | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6137US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6137US                    | NS           | CDWR                                         | 19500-3855-13                         | /516                 | D                            | 34156                                              | Microsemi Lawrence (11)                 |
| S 1N6137US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6137US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6137US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6137US 5/                 | NS           | CCZL                                         | 19500-1969-07                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6138                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6138                      | NS           | CDWR                                         | 19500-3598-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6138                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6138 3/                   | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6138 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6138A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6138A                     | NS           | CDWR                                         | 19500-3598-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6138A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6138A 3/                  | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6138A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| S 1N6138AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6138AUS                   | NS           | CDWR                                         | 19500-3598-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6138AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6138AUS 3/                | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6138AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6138US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6138US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6138US                    | NS           | CDWR                                         | 19500-3598-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6138US 3/                 | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6139                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6139                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6139                      | NS           | CDWR                                         | 19500-3598-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6139 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6139 3/                   | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6139 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6139 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6139A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6139A                     | NS           | CDWR                                         | 19500-3598-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6139A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6139A 3/                  | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6139A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6139A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6139A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6139AUS                   | NS           | CDWR                                         | 19500-3598-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6139AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6139AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6139AUS 3/                | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6139AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6139AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6139AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6139US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6139US                    | NS           | CDWR                                         | 19500-3598-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6139US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6139US 3/                 | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6139US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6139US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6140                      | NS           | CDWR                                         | 19500-3598-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6140                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6140                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6140 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6140 3/                   | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6140 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6140 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6140A                     | NS           | CDWR                                         | 19500-3598-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6140A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6140A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6140A 3/                  | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6140A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6140A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6140A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6140AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6140AUS                   | NS           | CDWR                                         | 19500-3598-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6140AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6140AUS 3/                | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6140AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6140AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6140AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6140US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6140US                    | NS           | CDWR                                         | 19500-3598-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6140US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6140US 3/                 | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6140US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6140US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6141                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N6141                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6141                      | NS           | CDWR                                         | 19500-3598-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6141 3/                   | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6141 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6141 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6141 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6141A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6141A                     | NS           | CDWR                                         | 19500-3598-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6141A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6141A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6141A 3/                  | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6141A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6141A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6141AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6141AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6141AUS                   | NS           | CDWR                                         | 19500-3598-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6141AUS 3/                | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6141AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6141AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6141AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6141US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6141US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6141US                    | NS           | CDWR                                         | 19500-3598-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6141US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6141US 3/                 | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6141US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6142                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6142                      | NS           | CDWR                                         | 19500-3598-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6142                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6142 3/                   | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6142 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6142 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6142 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6142A                     | NS           | CDWR                                         | 19500-3598-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6142A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6142A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6142A 3/                  | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6142A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6142A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6142A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6142AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6142AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6142AUS                   | NS           | CDWR                                         | 19500-3598-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6142AUS 3/                | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6142AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6142AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6142AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6142US                    | NS           | CDWR                                         | 19500-3598-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6142US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6142US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6142US 3/                 | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6142US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6142US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6143                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6143                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6143                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6143 3/                   | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6143 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6143 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6143 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6143A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6143A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6143A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6143A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6143A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6143A 3/                  | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6143A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6143A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6143A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6143AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6143AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6143AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6143AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6143AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6143AUS 3/                | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6143AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6143AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6143AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6143US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6143US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6143US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6143US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6143US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6143US 3/                 | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6143US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6143US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6144                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6144                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6144                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6144 3/                   | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6144 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6144 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6144 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6144A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6144A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6144A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6144A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6144A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6144A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6144A 3/                  | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6144A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6144A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6144AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6144AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6144AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6144AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6144AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6144AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6144AUS 3/                | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6144AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6144AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6144US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6144US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6144US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| 1N6144US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6144US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6144US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6144US 3/                 | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6144US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6145                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6145                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6145                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6145 3/                   | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6145 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6145 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6145 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6145A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6145A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6145A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6145A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6145A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6145A 3/                  | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6145A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6145A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6145A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6145AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6145AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6145AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6145AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6145AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6145AUS 3/                | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6145AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6145AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6145AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6145US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6145US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6145US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6145US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6145US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6145US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6145US 3/                 | NS           | CDBV                                         | 19500-320-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6145US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6146                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6146                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6146                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6146 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6146 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6146 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6146 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6146A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6146A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6146A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6146A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6146A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6146A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6146A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6146A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6146A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6146AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6146AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6146AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| 1N6146AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6146AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6146AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6146AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6146AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6146AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6146US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6146US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6146US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6146US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6146US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6146US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6146US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6146US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6147                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6147                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6147                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6147 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6147 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6147 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6147 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6147A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6147A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6147A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6147A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6147A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6147A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6147A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6147A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6147A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6147AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6147AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6147AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6147AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6147AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6147AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6147AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6147AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6147AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6147US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6147US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6147US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6147US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6147US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6147US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6147US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6147US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6148                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6148                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6148                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6148 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6148 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6148 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6148 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6148A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6148A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6148A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| 1N6148A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6148A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6148A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6148A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6148A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6148A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6148AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6148AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6148AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6148AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6148AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6148AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6148AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6148AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6148AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6148US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6148US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6148US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6148US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6148US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6148US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6148US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6148US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6149                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6149                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6149                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6149 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6149 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6149 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6149 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6149A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6149A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6149A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6149A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6149A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6149A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6149A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6149A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6149A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6149AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6149AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6149AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6149AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6149AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6149AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6149AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6149AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6149AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6149US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6149US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6149US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6149US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6149US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6149US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6149US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6149US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6150                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6150                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6150                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6150 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6150 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6150 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6150 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6150A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6150A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6150A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6150A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6150A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6150A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6150A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6150A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6150A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6150AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6150AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6150AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6150AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6150AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6150AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6150AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6150AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6150AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6150US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6150US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6150US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6150US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6150US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6150US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6150US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6150US 3/, 5/             | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6151                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6151                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6151                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6151 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6151 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6151 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6151 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6151A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6151A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6151A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6151A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6151A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6151A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6151A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6151A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6151A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6151AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6151AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6151AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6151AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6151AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6151AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6151AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6151AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6151AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6151US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6151US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6151US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6151US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6151US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6151US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6151US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6151US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6152                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6152                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6152                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6152 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6152 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6152 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6152 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6152A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6152A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6152A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6152A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6152A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6152A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6152A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6152A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6152A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6152AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6152AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6152AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6152AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6152AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6152AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6152AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6152AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6152AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6152US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6152US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6152US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6152US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6152US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6152US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6152US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6152US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6153                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6153                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6153                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6153 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6153 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6153 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6153 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6153A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6153A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6153A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6153A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6153A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6153A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6153A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6153A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6153A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N6153AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6153AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6153AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6153AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6153AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6153AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6153AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6153AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6153AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6153US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6153US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6153US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6153US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6153US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6153US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6153US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6153US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6154                      | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6154                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6154                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6154 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6154 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6154 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6154 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6154A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6154A                     | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6154A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6154A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6154A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6154A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6154A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6154A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6154A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6154AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6154AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6154AUS                   | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6154AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6154AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6154AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6154AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6154AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6154AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6154US                    | NS           | CDWR                                         | 19500-3469-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6154US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6154US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6154US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6154US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6154US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6154US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6154US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6155                      | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6155                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6155                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6155 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6155 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6155 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6155 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| 1N6155A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6155A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6155A                     | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6155A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6155A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6155A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6155A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6155A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6155A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6155AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6155AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6155AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6155AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6155AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6155AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6155AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6155AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6155US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6155US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6155US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6155US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6155US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6155US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6155US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6156                      | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6156                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6156                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6156 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6156 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6156 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6156 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6156A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6156A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6156A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6156A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6156A                     | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6156A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6156A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6156A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6156A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6156AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6156AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6156AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6156AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6156AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6156AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6156AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6156AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6156US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6156US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6156US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6156US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6156US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6156US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6156US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6157                      | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6157                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N6157                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6157 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6157 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6157 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6157 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6157A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6157A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6157A                     | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6157A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6157A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6157A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6157A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6157A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6157A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6157AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6157AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6157AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6157AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6157AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6157AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6157AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6157AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6157US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6157US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6157US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6157US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6157US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6157US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6157US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6158                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6158                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6158                      | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6158 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6158 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6158 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6158 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6158A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6158A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6158A                     | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6158A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6158A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6158A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6158A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6158A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6158A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6158AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6158AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6158AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6158AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6158AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6158AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6158AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6158AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6158US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6158US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6158US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6158US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6158US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6158US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6158US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6159                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6159                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6159                      | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6159 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6159 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6159 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6159 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6159A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6159A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6159A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6159A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6159A                     | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6159A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6159A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6159A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6159A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6159AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6159AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6159AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6159AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6159AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6159AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6159AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6159AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6159US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6159US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6159US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6159US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6159US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6159US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6159US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6160                      | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6160                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6160                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6160 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6160 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6160 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6160 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6160A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6160A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6160A                     | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6160A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6160A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6160A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6160A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6160A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6160A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6160AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6160AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6160AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6160AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6160AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6160AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6160AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6160AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6160US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6160US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6160US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6160US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6160US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6160US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6160US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6161                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6161                      | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6161                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6161 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6161 3/                   | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6161 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6161 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6161A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6161A                     | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6161A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6161A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6161A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6161A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6161A 3/                  | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6161A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6161A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6161AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6161AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6161AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6161AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6161AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6161AUS 3/                | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6161AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6161AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6161US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6161US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6161US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6161US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6161US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6161US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6161US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6162                      | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6162                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6162                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6162 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6162 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6162 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6162 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6162A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6162A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6162A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6162A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6162A                     | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6162A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6162A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6162A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6162A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6162AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6162AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N6162AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6162AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6162AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6162AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6162AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6162AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6162US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6162US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6162US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6162US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6162US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6162US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6162US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6163                      | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6163                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6163                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6163 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6163 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6163 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6163 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6163A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6163A                     | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6163A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6163A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6163A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6163A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6163A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6163A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6163A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6163AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6163AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6163AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6163AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6163AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6163AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6163AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6163AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6163US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6163US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6163US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6163US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6163US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6163US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6163US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6164                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6164                      | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6164                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6164 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6164 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6164 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6164 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6164A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6164A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6164A                     | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6164A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6164A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6164A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6164A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6164A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6164A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6164AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6164AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6164AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6164AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6164AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6164AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6164AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6164AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6164US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6164US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6164US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6164US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6164US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6164US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6164US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6165                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6165                      | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6165                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6165 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6165 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6165 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6165 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6165A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6165A                     | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6165A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6165A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6165A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6165A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6165A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6165A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6165A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6165AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6165AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6165AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6165AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6165AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6165AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6165AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6165AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6165US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6165US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6165US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6165US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6165US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6165US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6165US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6166                      | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6166                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6166                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6166 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6166 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6166 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6166 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6166A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| 1N6166A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6166A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6166A                     | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6166A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6166A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6166A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6166A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6166A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6166AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6166AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6166AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6166AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6166AUS                   | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6166AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6166AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6166AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6166AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6166US                    | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6166US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6166US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6166US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6166US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6166US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6166US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6166US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6167                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6167                      | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6167                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6167 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6167 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6167 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6167 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6167A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6167A                     | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6167A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6167A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6167A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6167A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6167A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6167A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6167A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6167AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6167AUS                   | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6167AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6167AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6167AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6167AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6167AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6167AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6167AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6167US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6167US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6167US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6167US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6167US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6167US                    | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6167US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6167US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6167US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6168                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6168                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6168                      | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6168 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6168 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6168 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6168 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6168A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6168A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6168A                     | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6168A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6168A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6168A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6168A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6168A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6168A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6168AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6168AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6168AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6168AUS                   | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6168AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6168AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6168AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6168AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6168AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6168US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6168US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6168US                    | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6168US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6168US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6168US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6168US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6168US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6169                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6169                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6169                      | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6169 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6169 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6169 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6169 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6169A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6169A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6169A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6169A                     | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6169A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6169A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6169A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6169A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6169A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6169AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6169AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6169AUS                   | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6169AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6169AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6169AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6169AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6169AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6169AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6169US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6169US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6169US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6169US                    | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6169US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6169US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6169US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6169US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6170                      | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6170                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6170                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6170 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6170 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6170 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6170 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6170A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6170A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6170A                     | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6170A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6170A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6170A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6170A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6170A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6170A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6170AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6170AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6170AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6170AUS                   | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6170AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6170AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6170AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6170AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6170AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6170US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6170US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6170US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6170US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6170US                    | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6170US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6170US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6170US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6171                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6171                      | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6171                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6171 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6171 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6171 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6171 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6171A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6171A                     | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6171A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6171A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6171A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6171A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6171A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6171A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6171A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6171AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6171AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6171AUS                   | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6171AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6171AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6171AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6171AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6171AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6171AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6171US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6171US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6171US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6171US                    | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6171US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6171US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6171US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6171US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6172                      | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6172                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6172                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6172 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6172 3/                   | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6172 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6172 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6172A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6172A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6172A                     | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6172A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6172A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6172A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6172A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6172A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6172A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6172AUS                   | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6172AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6172AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6172AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6172AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6172AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6172AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6172AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6172AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6172US                    | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6172US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6172US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6172US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6172US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6172US 3/                 | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6172US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6172US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6173                       | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6173                      | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6173                      | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6173 3/                   | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6173 3/, 5/               | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6173 5/                   | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6173A                      | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| 1N6173A                        |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6173A                     | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6173A                     | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6173A                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6173A 3/                  | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6173A 3/                  | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6173A 3/, 5/              | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6173A 5/                  | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| S 1N6173AUS                    | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6173AUS                   | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6173AUS                   | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6173AUS                    |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| 1N6173AUS                      |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6173AUS 3/                | NS           | CDBV                                         | 19500-287-02                          | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6173AUS 3/                | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6173AUS 3/, 5/            | NS           | CCZL                                         | 19500-1491-06                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B3)              |
| ** 1N6173AUS 5/                | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| 1N6173US                       |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6173US                    | NS           | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6173US                    | NS           | CDBV                                         | 19500-2542-09                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6173US                     |              | CDWR                                         | 19500-3407-12                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6173US                     | NS           | CDBV                                         | 19500-2795-10                         | /516                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6173US 3/                 | NS           | CDWR                                         | 19500-3267-11                         | /516                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6173US 5/                 | NS           | CCZL                                         | 19500-2346-08                         | /516                 | D                            | 12954                                              | Microsemi Corporation (B1)              |
| ** 1N6304                      | 1C           | CDWR                                         | 19500-2250-08                         | /550                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6304 3/                   | 3B           | CDWR                                         | 19500-1981-07                         | /550                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N6304R                     | 1C           | CDWR                                         | 19500-2250-08                         | /550                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6304R 3/                  | 3B           | CDWR                                         | 19500-1981-07                         | /550                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N6305                      | 1C           | CDWR                                         | 19500-2250-08                         | /550                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6305 3/                   | 3B           | CDWR                                         | 19500-1981-07                         | /550                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N6305R                     | 1C           | CDWR                                         | 19500-2250-08                         | /550                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6305R 3/                  | 3B           | CDWR                                         | 19500-1981-07                         | /550                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N6306                      | 1C           | CDWR                                         | 19500-2250-08                         | /550                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6306 3/                   | 3B           | CDWR                                         | 19500-1981-07                         | /550                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N6306R                     | 1C           | CDWR                                         | 19500-2250-08                         | /550                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6306R 3/                  | 3B           | CDWR                                         | 19500-1981-07                         | /550                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N6309                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6309                       | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6309C                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6309C                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6309CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6309CUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6309D                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6309D                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6309DUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6309DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6309US                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6309US                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6310                       | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6310                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6310C                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6310C                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6310CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6310CUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6310D                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N6310D                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6310DUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6310DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6310US                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6310US                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6311                       | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6311                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6311C                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6311C                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6311CUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6311CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6311D                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6311D                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6311DUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6311DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6311US                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6311US                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6312                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6312                       | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6312C                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6312C                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6312CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6312CUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6312D                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6312D                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6312DUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6312DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6312US                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6312US                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6313                       | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6313                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6313C                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6313C                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6313CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6313CUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6313D                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6313D                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6313DUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6313DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6313US                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6313US                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6314                       | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6314                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6314C                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6314C                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6314CUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6314CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6314D                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6314D                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6314DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6314DUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6314US                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6314US                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6315                       | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6315                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6315C                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6315C                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N6315CUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6315CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6315D                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6315D                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6315DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6315DUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6315US                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6315US                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6316                       | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6316                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6316C                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6316C                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6316CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6316CUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6316D                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6316D                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6316DUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6316DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6316US                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6316US                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6317                       | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6317                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6317C                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6317C                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6317CUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6317CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6317D                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6317D                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6317DUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6317DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6317US                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6317US                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6318                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6318                       | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6318C                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6318C                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6318CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6318CUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6318D                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6318D                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6318DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6318DUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6318US                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6318US                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6319                       | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6319                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6319C                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6319C                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6319CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6319CUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6319D                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6319D                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6319DUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6319DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6319US                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6319US                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6320                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N6320                       | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6320C                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6320C                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6320CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6320CUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6320D                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6320D                      | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6320DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6320DUS                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6320US                     | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6320US                    | NS           | CDWR                                         | 19500-1761-06                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6321                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6321                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6321                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6321C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6321C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6321C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6321CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6321CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6321CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6321D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6321D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6321D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6321DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6321DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6321DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6321US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6321US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6321US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6322                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6322                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6322                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6322C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6322C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6322C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6322CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6322CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6322CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6322D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6322D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6322D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6322DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6322DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6322DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6322US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6322US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6322US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6323                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6323                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6323                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6323C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6323C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6323C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6323CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6323CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6323CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6323D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N6323D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6323D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6323DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6323DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6323DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6323US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6323US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6323US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6324                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6324                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6324                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6324C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6324C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6324C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6324CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6324CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6324CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6324D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6324D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6324D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6324DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6324DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6324DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6324US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6324US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6324US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6324US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6324US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6325                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6325                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6325                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6325C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6325C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6325C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6325CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6325CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6325CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6325D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6325D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6325D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6325DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6325DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6325DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6325US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6325US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6325US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6325US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6325US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6326                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6326                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6326                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6326C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6326C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6326C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6326CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6326CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6326CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N6326D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6326D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6326D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6326DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6326DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6326DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6326US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6326US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6326US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6326US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6326US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6327                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6327                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6327                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6327C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6327C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6327C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6327CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6327CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6327CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6327D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6327D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6327D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6327DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6327DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6327DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6327US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6327US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6327US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6327US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6327US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6328                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6328                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6328                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6328C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6328C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6328C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6328CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6328CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6328CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6328D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6328D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6328D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6328DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6328DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6328DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6328US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6328US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6328US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6328US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6328US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6329                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6329                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6329                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6329C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6329C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6329C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N6329CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6329CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6329CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6329D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6329D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6329D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6329DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6329DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6329DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6329US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6329US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6329US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6329US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6329US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6330                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6330                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6330                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6330C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6330C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6330C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6330CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6330CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6330CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6330D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6330D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6330D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6330DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6330DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6330DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6330US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6330US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6330US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6330US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6330US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6331                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6331                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6331                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6331C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6331C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6331C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6331CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6331CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6331CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6331D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6331D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6331D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6331DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6331DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6331DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6331US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6331US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6331US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6331US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6331US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6332                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6332                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6332                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N6332C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6332C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6332C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6332CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6332CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6332CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6332D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6332D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6332D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6332DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6332DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6332DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6332US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6332US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6332US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6332US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6332US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6333                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6333                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6333                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6333C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6333C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6333C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6333CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6333CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6333CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6333D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6333D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6333D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6333DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6333DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6333DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6333US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6333US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6333US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6333US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6333US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6334                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6334                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6334                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6334C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6334C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6334C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6334CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6334CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6334CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6334D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6334D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6334D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6334DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6334DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6334DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6334US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6334US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6334US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6334US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6334US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N6335                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6335                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6335                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6335C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6335C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6335C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6335CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6335CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6335CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6335D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6335D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6335D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6335DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6335DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6335DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6335US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6335US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6335US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6335US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6335US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6336                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6336                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6336                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6336C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6336C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6336C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6336CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6336CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6336CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6336D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6336D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6336D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6336DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6336DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6336DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6336US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6336US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6336US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6336US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6336US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6337                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6337                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6337                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6337C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6337C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6337C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6337CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6337CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6337CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6337D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6337D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6337D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6337DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6337DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6337DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6337US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6337US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N6337US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6337US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6337US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6338                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6338                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6338                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6338C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6338C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6338C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6338CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6338CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6338CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6338D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6338D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6338D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6338DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6338DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6338DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6338US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6338US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6338US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6338US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6338US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6339                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6339                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6339                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6339C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6339C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6339C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6339CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6339CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6339CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6339D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6339D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6339D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6339DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6339DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6339DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6339US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6339US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6339US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6339US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6339US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6340                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6340                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6340                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6340C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6340C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6340C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6340CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6340CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6340CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6340D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6340D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6340D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6340DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6340DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N6340DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6340US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6340US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6340US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6340US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6340US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6341                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6341                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6341                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6341C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6341C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6341C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6341CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6341CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6341CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6341D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6341D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6341D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6341DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6341DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6341DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6341US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6341US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6341US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6341US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6341US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6342                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6342                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6342                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6342C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6342C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6342C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6342CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6342CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6342CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6342D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6342D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6342D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6342DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6342DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6342DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6342US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6342US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6342US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6342US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6342US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6343                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6343                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6343                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6343C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6343C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6343C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6343CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6343CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6343CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6343D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6343D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N6343D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6343DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6343DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6343DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6343US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6343US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6343US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6343US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6343US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6344                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6344                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6344                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6344C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6344C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6344C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6344CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6344CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6344CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6344D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6344D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6344D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6344DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6344DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6344DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6344US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6344US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6344US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6344US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6344US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6345                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6345                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6345                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6345C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6345C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6345C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6345CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6345CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6345CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6345D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6345D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6345D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6345DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6345DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6345DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6345US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6345US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6345US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6345US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6345US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6346                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6346                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6346                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6346C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6346C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6346C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6346CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6346CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N6346CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6346D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6346D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6346D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6346DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6346DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6346DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6346US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6346US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6346US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6346US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6346US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6347                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6347                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6347                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6347C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6347C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6347C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6347CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6347CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6347CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6347D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6347D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6347D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6347DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6347DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6347DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6347US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6347US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6347US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6347US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6347US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6348                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6348                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6348                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6348C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6348C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6348C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6348CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6348CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6348CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6348D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6348D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6348D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6348DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6348DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6348DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6348US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6348US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6348US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6348US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6348US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6349                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6349                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6349                      | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6349C                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6349C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 1N6349C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6349CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6349CUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6349CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6349D                     | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6349D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6349D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6349DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6349DUS                   | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| S 1N6349DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6349US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6349US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6349US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6349US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6349US                    | NS           | chrc                                         | 19500-3806-13                         | /533                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)          |
| ** 1N6350                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6350                       | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6350C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6350C                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6350CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6350CUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6350D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6350D                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6350DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6350DUS                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6350US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6350US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6350US                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6350US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6351                       | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6351                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6351C                      | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6351C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6351CUS                    | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6351CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6351D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6351D                      | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6351DUS                    | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6351DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6351US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6351US                    | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6351US                     | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6351US                     | 3B           | CQN                                          | 19500-3622-12                         | /533                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6352                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6352                       | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6352C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6352C                      | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6352CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6352CUS                    | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6352D                      | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6352D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6352DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6352DUS                    | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6352US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6352US                     | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6353                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6353                       | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6353C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6353C                      | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6353CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6353CUS                    | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6353D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6353D                      | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6353DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6353DUS                    | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6353US                     | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6353US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6354                       | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6354                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6354C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6354C                      | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6354CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6354CUS                    | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6354D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6354D                      | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6354DUS                    | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6354DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6354US                     | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6354US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6355                       | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6355                      | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6355C                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6355C                      | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6355CUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6355CUS                    | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6355D                     | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6355D                      | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6355DUS                    | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6355DUS                   | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6355US                     | NS           | CDWR                                         | 19500-3343-11                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6355US                    | NS           | CDWR                                         | 19500-2929-10                         | /533                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCA 1N6391                  | 3B           | CDWR                                         | 19500-2262-08                         | /553                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6391                      | 3B           | CDWR                                         | 19500-2262-08                         | /553                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6391                       | NS           | CDWR                                         | 19500-2412-09                         | /553                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6391 3/                   | NS           | CDWR                                         | 19500-1859-07                         | /553                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N6392                      | 3B           | CDWR                                         | 19500-2262-08                         | /554                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANHCA 1N6392                  | 3B           | CDWR                                         | 19500-2262-08                         | /554                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6392 3/                   | NS           | CDWR                                         | 19500-2126-08                         | /554                 | D                            | 43611                                              | Microsemi Lawrence (13)                 |
| ** 1N6461                      | NS           | CDBV                                         | 19500-2542-09                         | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6461                      | NS           | CDWR                                         | 19500-3409-12                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6461 /3                   | NS           | CDWR                                         | 19500-3253-11                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6461 3/                   | NS           | CDBV                                         | 19500-320-02                          | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6461US                    | NS           | CDWR                                         | 19500-3409-12                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6461US                    | NS           | CDBV                                         | 19500-2542-09                         | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6461US /3                 | NS           | CDWR                                         | 19500-3253-11                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6461US 3/                 | NS           | CDBV                                         | 19500-320-02                          | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6462                      | NS           | CDBV                                         | 19500-2542-09                         | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6462                      | NS           | CDWR                                         | 19500-3409-12                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6462 /3                   | NS           | CDWR                                         | 19500-3253-11                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6462 3/                   | NS           | CDBV                                         | 19500-320-02                          | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6462US                    | NS           | CDWR                                         | 19500-3409-12                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6462US                    | NS           | CDBV                                         | 19500-2542-09                         | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6462US /3                 | NS           | CDWR                                         | 19500-3253-11                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6462US 3/                 | NS           | CDBV                                         | 19500-320-02                          | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6463                      | NS           | CDWR                                         | 19500-3409-12                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6463                      | NS           | CDBV                                         | 19500-2542-09                         | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6463 /3                   | NS           | CDWR                                         | 19500-3253-11                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6463 3/                   | NS           | CDBV                                         | 19500-284-02                          | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6463US                    | NS           | CDWR                                         | 19500-3409-12                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6463US                    | NS           | CDBV                                         | 19500-2542-09                         | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6463US /3                 | NS           | CDWR                                         | 19500-3253-11                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6463US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6464                      | NS           | CDWR                                         | 19500-3409-12                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6464                      | NS           | CDBV                                         | 19500-2542-09                         | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6464 /3                   | NS           | CDWR                                         | 19500-3253-11                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6464 3/                   | NS           | CDBV                                         | 19500-284-02                          | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6464US                    | NS           | CDBV                                         | 19500-2542-09                         | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6464US                    | NS           | CDWR                                         | 19500-3409-12                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6464US /3                 | NS           | CDWR                                         | 19500-3253-11                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6464US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6465                      | NS           | CDBV                                         | 19500-2542-09                         | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6465                      | NS           | CDWR                                         | 19500-3409-12                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6465 /3                   | NS           | CDWR                                         | 19500-3253-11                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6465 3/                   | NS           | CDBV                                         | 19500-284-02                          | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6465US                    | NS           | CDBV                                         | 19500-2542-09                         | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6465US                    | NS           | CDWR                                         | 19500-3409-12                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6465US /3                 | NS           | CDWR                                         | 19500-3253-11                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6465US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6466                      | NS           | CDWR                                         | 19500-3409-12                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6466                      | NS           | CDBV                                         | 19500-2542-09                         | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6466 3/                   | NS           | CDWR                                         | 19500-3253-11                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6466 3/                   | NS           | CDBV                                         | 19500-284-02                          | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6466US                    | NS           | CDBV                                         | 19500-2542-09                         | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6466US                    | NS           | CDWR                                         | 19500-3409-12                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6466US 3/                 | NS           | CDWR                                         | 19500-3253-11                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6466US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6467                      | NS           | CDWR                                         | 19500-3409-12                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6467                      | NS           | CDBV                                         | 19500-2542-09                         | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6467 3/                   | NS           | CDWR                                         | 19500-3253-11                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6467 3/                   | NS           | CDBV                                         | 19500-284-02                          | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6467US                    | NS           | CDWR                                         | 19500-3409-12                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6467US                    | NS           | CDBV                                         | 19500-2542-09                         | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6467US 3/                 | NS           | CDWR                                         | 19500-3253-11                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6467US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6468                      | NS           | CDBV                                         | 19500-2542-09                         | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6468                      | NS           | CDWR                                         | 19500-3409-12                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6468 3/                   | NS           | CDWR                                         | 19500-3253-11                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6468 3/                   | NS           | CDBV                                         | 19500-284-02                          | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6468US                    | NS           | CDBV                                         | 19500-2542-09                         | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6468US                    | NS           | CDWR                                         | 19500-3409-12                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6468US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /551                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6468US 3/                 | NS           | CDWR                                         | 19500-3253-11                         | /551                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6469                      | NS           | CDWR                                         | 19500-3409-12                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6469                      | NS           | CDBV                                         | 19500-2542-09                         | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6469 3/                   | NS           | CDWR                                         | 19500-3253-11                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6469 3/                   | NS           | CDBV                                         | 19500-320-02                          | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6469US                    | NS           | CDBV                                         | 19500-2542-09                         | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6469US                    | NS           | CDWR                                         | 19500-3409-12                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6469US 3/                 | NS           | CDWR                                         | 19500-3253-11                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6469US 3/                 | NS           | CDBV                                         | 19500-320-02                          | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6470                      | NS           | CDWR                                         | 19500-3409-12                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6470                      | NS           | CDBV                                         | 19500-2542-09                         | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6470 3/                   | NS           | CDWR                                         | 19500-3253-11                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6470 3/                   | NS           | CDBV                                         | 19500-320-02                          | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6470US                    | NS           | CDWR                                         | 19500-3409-12                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6470US                    | NS           | CDBV                                         | 19500-2542-09                         | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6470US 3/                 | NS           | CDWR                                         | 19500-3253-11                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6470US 3/                 | NS           | CDBV                                         | 19500-320-02                          | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6471                      | NS           | CDWR                                         | 19500-3409-12                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6471                      | NS           | CDBV                                         | 19500-2542-09                         | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6471 3/                   | NS           | CDBV                                         | 19500-284-02                          | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6471 3/                   | NS           | CDWR                                         | 19500-3253-11                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6471US                    | NS           | CDBV                                         | 19500-2542-09                         | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6471US                    | NS           | CDWR                                         | 19500-3409-12                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6471US 3/                 | NS           | CDWR                                         | 19500-3253-11                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6471US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6472                      | NS           | CDWR                                         | 19500-3409-12                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6472                      | NS           | CDBV                                         | 19500-2542-09                         | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6472 3/                   | NS           | CDWR                                         | 19500-3253-11                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6472 3/                   | NS           | CDBV                                         | 19500-284-02                          | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6472US                    | NS           | CDWR                                         | 19500-3409-12                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6472US                    | NS           | CDBV                                         | 19500-2542-09                         | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6472US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6472US 3/                 | NS           | CDWR                                         | 19500-3253-11                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6473                      | NS           | CDBV                                         | 19500-2542-09                         | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6473                      | NS           | CDWR                                         | 19500-3409-12                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6473 3/                   | NS           | CDWR                                         | 19500-3253-11                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6473 3/                   | NS           | CDBV                                         | 19500-284-02                          | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6473US                    | NS           | CDBV                                         | 19500-2542-09                         | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6473US                    | NS           | CDWR                                         | 19500-3409-12                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6473US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6473US 3/                 | NS           | CDWR                                         | 19500-3253-11                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6474                      | NS           | CDWR                                         | 19500-3409-12                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6474                      | NS           | CDBV                                         | 19500-2542-09                         | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6474 3/                   | NS           | CDWR                                         | 19500-3253-11                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6474 3/                   | NS           | CDBV                                         | 19500-284-02                          | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6474US                    | NS           | CDWR                                         | 19500-3409-12                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6474US                    | NS           | CDBV                                         | 19500-2542-09                         | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6474US 3/                 | NS           | CDWR                                         | 19500-3253-11                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6474US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6475                      | NS           | CDBV                                         | 19500-2542-09                         | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6475                      | NS           | CDWR                                         | 19500-3409-12                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6475 3/                   | NS           | CDBV                                         | 19500-284-02                          | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6475 3/                   | NS           | CDWR                                         | 19500-3253-11                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6475US                    | NS           | CDWR                                         | 19500-3409-12                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6475US                    | NS           | CDBV                                         | 19500-2542-09                         | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6475US 3/                 | NS           | CDWR                                         | 19500-3253-11                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6475US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6476                      | NS           | CDWR                                         | 19500-3409-12                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6476                      | NS           | CDBV                                         | 19500-2542-09                         | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6476 3/                   | NS           | CDWR                                         | 19500-3253-11                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6476 3/                   | NS           | CDBV                                         | 19500-284-02                          | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6476US                    | NS           | CDWR                                         | 19500-3409-12                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6476US                    | NS           | CDBV                                         | 19500-2542-09                         | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6476US 3/                 | NS           | CDWR                                         | 19500-3253-11                         | /552                 | D                            | 43611                                              | Microsemi Lawrence (15)                 |
| ** 1N6476US 3/                 | NS           | CDBV                                         | 19500-284-02                          | /552                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (2) |
| ** 1N6485                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6485                       | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N6485C                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6485C                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6485CUS                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6485CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6485D                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6485D                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6485DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6485DUS                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6485US                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6485US                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6486                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6486                       | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6486US                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6486US                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6487                       | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6487                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6487US                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6487US                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6488                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6488                       | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6488C                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6488C                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6488CUS                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6488CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6488D                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6488D                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6488DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6488DUS                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6488US                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6488US                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6489                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6489                       | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6489C                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6489C                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6489CUS                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6489CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6489D                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6489D                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6489DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6489DUS                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6489US                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6489US                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6490                       | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6490                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6490C                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6490C                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6490CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6490CUS                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6490D                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6490D                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6490DUS                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6490DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6490US                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6490US                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6491                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6491                       | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6491C                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                  |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|----------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                  |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)   |
| S 1N6491C                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 1N6491CUS                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 1N6491CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 1N6491D                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 1N6491D                      | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 1N6491DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 1N6491DUS                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 1N6491US                    | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 1N6491US                     | NS           | CDWR                                         | 19500-1761-06                         | /406                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 1N6492                      | NS           | CDWR                                         | 19500-3691-13                         | /567                 | D                            | 43611                                              | Microsemi Lawrence (11)          |
| * 1N6493                       | 1A           | CEJG                                         | 19500-226-97                          | /572                 | D                            | 31757                                              | Micropac Industries, Inc. (1)    |
| * 1N6494                       | 1A           | CEJG                                         | 19500-226-97                          | /572                 | D                            | 31757                                              | Micropac Industries, Inc. (1)    |
| * 1N6495                       | 1A           | CEJG                                         | 19500-226-97                          | /572                 | D                            | 31757                                              | Micropac Industries, Inc. (1)    |
| * 1N6497                       | 1A           | CEJG                                         | 19500-226-97                          | /574                 | D                            | 31757                                              | Micropac Industries, Inc. (1)    |
| * 1N6498                       | 1A           | CEJG                                         | 19500-226-97                          | /574                 | D                            | 31757                                              | Micropac Industries, Inc. (1)    |
| * 1N6499                       | 1A           | CEJG                                         | 19500-226-97                          | /574                 | D                            | 31757                                              | Micropac Industries, Inc. (1)    |
| * 1N6500                       | 1A           | CEJG                                         | 19500-274-89                          | /572                 | D                            | 31757                                              | Micropac Industries, Inc. (1)    |
| * 1N6501                       | 1A           | CEJG                                         | 19500-274-89                          | /572                 | D                            | 31757                                              | Micropac Industries, Inc. (1)    |
| * 1N6502                       | 1A           | CEJG                                         | 19500-274-89                          | /572                 | D                            | 31757                                              | Micropac Industries, Inc. (1)    |
| * 1N6503                       | 1A           | CEJG                                         | 19500-274-89                          | /574                 | D                            | 31757                                              | Micropac Industries, Inc. (1)    |
| * 1N6504                       | 1A           | CEJG                                         | 19500-274-89                          | /574                 | D                            | 31757                                              | Micropac Industries, Inc. (1)    |
| * 1N6505                       | 1A           | CEJG                                         | 19500-274-89                          | /574                 | D                            | 31757                                              | Micropac Industries, Inc. (1)    |
| ** 1N6506                      | 2            | CDWR                                         | 19500-2438-09                         | /474                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 1N6507                      | 2            | CDWR                                         | 19500-2438-09                         | /474                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 1N6508                      | 2            | CDWR                                         | 19500-2438-09                         | /474                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 1N6509                      | 2            | CDWR                                         | 19500-2438-09                         | /474                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 1N6510                      | 2            | CDWR                                         | 19500-2438-09                         | /474                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 1N6511                      | 2            | CDWR                                         | 19500-2438-09                         | /474                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 1N6512                      | 3A           | CETH                                         | 19500-001-01                          | /575                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| S 1N6512                       | NS           | CDVL                                         | 19500-3830-13                         | /575                 | D                            | 30043                                              | Solid State Devices Inc.         |
| ** 1N6512US                    | 3A           | CETH                                         | 19500-001-01                          | /575                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| S 1N6513                       | NS           | CDVL                                         | 19500-3830-13                         | /575                 | D                            | 30043                                              | Solid State Devices Inc.         |
| ** 1N6513                      | 3A           | CETH                                         | 19500-001-01                          | /575                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ** 1N6513US                    | 3A           | CETH                                         | 19500-001-01                          | /575                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ** 1N6514                      | 3A           | CETH                                         | 19500-188-92                          | /575                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| S 1N6514                       | NS           | CDVL                                         | 19500-3830-13                         | /575                 | D                            | 30043                                              | Solid State Devices Inc.         |
| ** 1N6514US                    | 3A           | CETH                                         | 19500-188-92                          | /575                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ** 1N6515                      | 3A           | CETH                                         | 19500-188-92                          | /575                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| S 1N6515                       | NS           | CDVL                                         | 19500-3830-13                         | /575                 | D                            | 30043                                              | Solid State Devices Inc.         |
| ** 1N6515US                    | 3A           | CETH                                         | 19500-188-92                          | /575                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ** 1N6516                      | 3A           | CETH                                         | 19500-188-92                          | /575                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| S 1N6516                       | NS           | CDVL                                         | 19500-3830-13                         | /575                 | D                            | 30043                                              | Solid State Devices Inc.         |
| ** 1N6516US                    | 3A           | CETH                                         | 19500-188-92                          | /575                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ** 1N6517                      | 3A           | CETH                                         | 19500-188-92                          | /575                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| S 1N6517                       | NS           | CDVL                                         | 19500-3830-13                         | /575                 | D                            | 30043                                              | Solid State Devices Inc.         |
| ** 1N6517US                    | 3A           | CETH                                         | 19500-188-92                          | /575                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| S 1N6518                       | NS           | CDVL                                         | 19500-3830-13                         | /575                 | D                            | 30043                                              | Solid State Devices Inc.         |
| ** 1N6518                      | 3A           | CETH                                         | 19500-188-92                          | /575                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ** 1N6518US                    | 3A           | CETH                                         | 19500-188-92                          | /575                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| S 1N6519                       | NS           | CDVL                                         | 19500-3830-13                         | /575                 | D                            | 30043                                              | Solid State Devices Inc.         |
| ** 1N6519                      | 3A           | CETH                                         | 19500-188-92                          | /575                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ** 1N6519US                    | 3A           | CETH                                         | 19500-188-92                          | /575                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ++ 1N6520                      | 3A           | CETH                                         | 19500-033-92                          | /576                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ++ 1N6521                      | 3A           | CETH                                         | 19500-033-92                          | /576                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ++ 1N6522                      | 3A           | CETH                                         | 19500-033-92                          | /576                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ++ 1N6523                      | 3A           | CETH                                         | 19500-033-92                          | /576                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ++ 1N6524                      | 3A           | CETH                                         | 19500-033-92                          | /576                 | D                            | 60211                                              | Voltage Multipliers Incorporated |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                  |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|----------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                  |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)   |
| ++ 1N6525                      | 3A           | CETH                                         | 19500-033-92                          | /576                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ++ 1N6526                      | 3A           | CETH                                         | 19500-033-92                          | /576                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ++ 1N6527                      | 3A           | CETH                                         | 19500-033-92                          | /576                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ++ 1N6528                      | 3A           | CETH                                         | 19500-038-92                          | /577                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ++ 1N6529                      | 3A           | CETH                                         | 19500-038-92                          | /577                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ++ 1N6530                      | 3A           | CETH                                         | 19500-038-92                          | /577                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ++ 1N6531                      | 3A           | CETH                                         | 19500-038-92                          | /577                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ++ 1N6532                      | 3A           | CETH                                         | 19500-038-92                          | /577                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ++ 1N6533                      | 3A           | CETH                                         | 19500-038-92                          | /577                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ++ 1N6534                      | 3A           | CETH                                         | 19500-038-92                          | /577                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| ++ 1N6535                      | 3A           | CETH                                         | 19500-038-92                          | /577                 | D                            | 60211                                              | Voltage Multipliers Incorporated |
| * 1N6609                       | 1A           | CEJG                                         | 19500-1708-86                         | /519                 | D                            | 31757                                              | Micropac Industries, Inc. (1)    |
| * 1N6610                       | 1A           | CEJG                                         | 19500-1708-86                         | /520                 | D                            | 31757                                              | Micropac Industries, Inc. (1)    |
| * 1N6611                       | 1A           | CEJG                                         | 19500-1708-86                         | /521                 | D                            | 31757                                              | Micropac Industries, Inc. (1)    |
| * 1N6611                       | 1A           | CEJG                                         | 19500-1567-06                         | /521                 | D                            | 31757                                              | Micropac Industries, Inc. (3)    |
| S 1N6620                       | NS           | CDWR                                         | 19500-3658-12                         | /585                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 1N6620                      | 3B           | CDWR                                         | 19500-3658-12                         | /585                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 1N6620                       | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| ** 1N6620                      | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| ** 1N6620 3/, 5/               | 3A           | CCZL                                         | 19500-2588-09                         | /585                 | D                            | 12954                                              | Microsemi Corporation (B1)       |
| S 1N6620U                      | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| ** 1N6620U                     | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| ** 1N6620U 3/, 5/              | 3A           | CCZL                                         | 19500-2588-09                         | /585                 | D                            | 12954                                              | Microsemi Corporation (B1)       |
| S 1N6620US                     | NS           | CDWR                                         | 19500-3658-12                         | /585                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 1N6620US                     | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| ** 1N6620US                    | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| ** 1N6620US                    | 3B           | CDWR                                         | 19500-3658-12                         | /585                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 1N6620US 3/, 5/             | 3A           | CCZL                                         | 19500-2588-09                         | /585                 | D                            | 12954                                              | Microsemi Corporation (B1)       |
| ** 1N6621                      | 3B           | CDWR                                         | 19500-3658-12                         | /585                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 1N6621                      | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| S 1N6621                       | NS           | CDWR                                         | 19500-3658-12                         | /585                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 1N6621 3/, 5/               | 3A           | CCZL                                         | 19500-2588-09                         | /585                 | D                            | 12954                                              | Microsemi Corporation (B1)       |
| S 1N6621U                      | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| ** 1N6621U                     | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| ** 1N6621U 3/, 5/              | 3A           | CCZL                                         | 19500-2588-09                         | /585                 | D                            | 12954                                              | Microsemi Corporation (B1)       |
| ** 1N6621US                    | 3B           | CDWR                                         | 19500-3658-12                         | /585                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 1N6621US                     | NS           | CDWR                                         | 19500-3658-12                         | /585                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 1N6621US                     | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| ** 1N6621US                    | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| S 1N6621US                     | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| ** 1N6621US 3/, 5/             | 3A           | CCZL                                         | 19500-2588-09                         | /585                 | D                            | 12954                                              | Microsemi Corporation (B1)       |
| ** 1N6622                      | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| S 1N6622                       | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| ** 1N6622 3/, 5/               | 3A           | CCZL                                         | 19500-2588-09                         | /585                 | D                            | 12954                                              | Microsemi Corporation (B1)       |
| ** 1N6622U                     | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| S 1N6622U                      | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| ** 1N6622U 3/, 5/              | 3A           | CCZL                                         | 19500-2588-09                         | /585                 | D                            | 12954                                              | Microsemi Corporation (B1)       |
| ** 1N6622US                    | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| S 1N6622US                     | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| ** 1N6622US 3/, 5/             | 3A           | CCZL                                         | 19500-2588-09                         | /585                 | D                            | 12954                                              | Microsemi Corporation (B1)       |
| ** 1N6623                      | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| S 1N6623                       | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| ** 1N6623 3/, 5/               | 3A           | CCZL                                         | 19500-2588-09                         | /585                 | D                            | 12954                                              | Microsemi Corporation (B1)       |
| S 1N6623U                      | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| ** 1N6623U                     | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |
| ** 1N6623U 3/, 5/              | 3A           | CCZL                                         | 19500-2588-09                         | /585                 | D                            | 12954                                              | Microsemi Corporation (B1)       |
| ** 1N6623US                    | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N6623US                     | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6623US 3/, 5/             | 3A           | CCZL                                         | 19500-2588-09                         | /585                 | D                            | 12954                                              | Microsemi Corporation (B1)     |
| ** 1N6624                      | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6624                       | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6624 3/, 5/               | 3A           | CCZL                                         | 19500-2588-09                         | /585                 | D                            | 12954                                              | Microsemi Corporation (B1)     |
| ** 1N6624U                     | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6624U                      | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6624U 3/, 5/              | 3A           | CCZL                                         | 19500-2588-09                         | /585                 | D                            | 12954                                              | Microsemi Corporation (B1)     |
| ** 1N6624US                    | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6624US                     | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6624US 3/, 5/             | 3A           | CCZL                                         | 19500-2588-09                         | /585                 | D                            | 12954                                              | Microsemi Corporation (B1)     |
| ** 1N6625                      | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6625                       | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6625 3/, 5/               | 3A           | CCZL                                         | 19500-2588-09                         | /585                 | D                            | 12954                                              | Microsemi Corporation (B1)     |
| ** 1N6625U                     | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6625U                      | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6625U 3/, 5/              | 3A           | CCZL                                         | 19500-2588-09                         | /585                 | D                            | 12954                                              | Microsemi Corporation (B1)     |
| ** 1N6625US                    | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6625US                     | 3B           | CQN                                          | 19500-3509-12                         | /585                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6625US 3/, 5/             | 3A           | CCZL                                         | 19500-2588-09                         | /585                 | D                            | 12954                                              | Microsemi Corporation (B1)     |
| ** 1N6626                      | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6626                       | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6626 3/, 5/               | NS           | CCZL                                         | 19500-1255-05                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B3)     |
| + 1N6626 5/                    | NS           | CCZL                                         | 19500-2760-10                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B1)     |
| ** 1N6626U                     | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6626U                      | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6626U 3/, 5/              | NS           | CCZL                                         | 19500-1255-05                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B3)     |
| ** 1N6626US                    | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6626US                     | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6626US 3/, 5/             | NS           | CCZL                                         | 19500-1255-05                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B3)     |
| + 1N6626US 5/                  | NS           | CCZL                                         | 19500-2760-10                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B1)     |
| ** 1N6627                      | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6627                       | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6627 3/, 5/               | NS           | CCZL                                         | 19500-1255-05                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B3)     |
| + 1N6627 5/                    | NS           | CCZL                                         | 19500-2760-10                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B1)     |
| S 1N6627U                      | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6627U                     | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6627U 3/, 5/              | NS           | CCZL                                         | 19500-1255-05                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B3)     |
| S 1N6627US                     | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6627US                    | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6627US 3/, 5/             | NS           | CCZL                                         | 19500-1255-05                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B3)     |
| + 1N6627US 5/                  | NS           | CCZL                                         | 19500-2760-10                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B1)     |
| ** 1N6628                      | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6628                       | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6628 3/, 5/               | NS           | CCZL                                         | 19500-1255-05                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B3)     |
| + 1N6628 5/                    | NS           | CCZL                                         | 19500-2760-10                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B1)     |
| S 1N6628U                      | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6628U                     | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6628U 3/, 5/              | NS           | CCZL                                         | 19500-1255-05                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B3)     |
| ** 1N6628US                    | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6628US                     | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6628US 3/, 5/             | NS           | CCZL                                         | 19500-1255-05                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B3)     |
| + 1N6628US 5/                  | NS           | CCZL                                         | 19500-2760-10                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B1)     |
| ** 1N6629                      | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6629                       | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6629 3/, 5/               | NS           | CCZL                                         | 19500-1255-05                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B3)     |
| ** 1N6629 5/                   | NS           | CCZL                                         | 19500-2823-10                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B1)     |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 1N6629U                      | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6629U                     | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6629U 3/, 5/              | NS           | CCZL                                         | 19500-1255-05                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B3)     |
| S 1N6629US                     | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6629US                    | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6629US 3/, 5/             | NS           | CCZL                                         | 19500-1255-05                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B3)     |
| ** 1N6629US 5/                 | NS           | CCZL                                         | 19500-2823-10                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B1)     |
| ** 1N6630                      | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6630                       | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6630 3/, 5/               | NS           | CCZL                                         | 19500-1255-05                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B3)     |
| ** 1N6630 5/                   | NS           | CCZL                                         | 19500-2823-10                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B1)     |
| S 1N6630U                      | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6630U                     | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6630U 3/, 5/              | NS           | CCZL                                         | 19500-1255-05                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B3)     |
| ** 1N6630US                    | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6630US                     | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6630US 3/, 5/             | NS           | CCZL                                         | 19500-1255-05                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B3)     |
| ** 1N6630US 5/                 | NS           | CCZL                                         | 19500-2823-10                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B1)     |
| S 1N6631                       | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6631                      | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6631 3/, 5/               | NS           | CCZL                                         | 19500-1255-05                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B3)     |
| ** 1N6631 5/                   | NS           | CCZL                                         | 19500-2823-10                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B1)     |
| ** 1N6631U                     | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| S 1N6631U                      | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6631U 3/, 5/              | NS           | CCZL                                         | 19500-1255-05                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B3)     |
| S 1N6631US                     | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6631US                    | 3B           | CQN                                          | 19500-3537-12                         | /590                 | D                            | 13409                                              | Sensitron Semiconductor        |
| ** 1N6631US 3/, 5/             | NS           | CCZL                                         | 19500-1255-05                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B3)     |
| ** 1N6631US 5/                 | NS           | CCZL                                         | 19500-2823-10                         | /590                 | D                            | 12954                                              | Microsemi Corporation (B1)     |
| S 1N6632                       | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N6632                  | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6632                      | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6632C                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N6632C                 | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6632CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6632D                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N6632D                 | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6632DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6632US                    | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6632US                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6633                      | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6633                       | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N6633                  | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6633C                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N6633C                 | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6633CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N6633D                 | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6633D                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6633DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6633US                    | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6633US                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N6634                  | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6634                      | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 1N6634                       | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6634C                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 1N6634C                 | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 1N6634CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| JANKCA 1N6634D                 | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6634D                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6634DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6634US                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6634US                    | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6635                       | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6635                      | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCA 1N6635                  | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCA 1N6635C                 | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6635C                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6635CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6635D                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCA 1N6635D                 | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6635DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6635US                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6635US                    | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCA 1N6636                  | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6636                      | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6636                       | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6636C                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCA 1N6636C                 | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6636CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCA 1N6636D                 | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6636D                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6636DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6636US                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6636US                    | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6637                      | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCA 1N6637                  | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6637                       | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCA 1N6637C                 | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6637C                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6637CUS                   | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCA 1N6637D                 | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6637D                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6637DUS                   | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6637US                     | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6637US                    | NS           | CDWR                                         | 19500-1761-06                         | /356                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6638                      | 3B           | CDWR                                         | 19500-777-04                          | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6638                      | 3B           | CQN                                          | 19500-3464-12                         | /578                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6638                       | 3B           | CDWR                                         | 19500-1437-05                         | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6638                      | NS           | CDBV                                         | 19500-3661-12                         | /578                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6638                      | 3B           | CHRC                                         | 19500-2465-09                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6638                       | 3B           | CQN                                          | 19500-3150-11                         | /578                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6638                       | 3B           | CHRC                                         | 19500-2836-10                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANKCA 1N6638                  |              | CHRC                                         | 19500-3711-13                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANHCA 1N6638                  |              | CHRC                                         | 19500-3711-13                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6638U                      | 3B           | CHRC                                         | 19500-2836-10                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6638U                      | 3B           | CDWR                                         | 19500-1437-05                         | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6638U                      | 3B           | CQN                                          | 19500-3150-11                         | /578                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6638U                     | 3B           | CDWR                                         | 19500-777-04                          | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6638U                     | 3B           | CQN                                          | 19500-3464-12                         | /578                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6638US                    | 3B           | CHRC                                         | 19500-2465-09                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6638US                    | 3B           | CDWR                                         | 19500-777-04                          | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6638US                     | 3B           | CQN                                          | 19500-3150-11                         | /578                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6638US                     | 3B           | CDWR                                         | 19500-1437-05                         | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6638US                     | 3B           | CHRC                                         | 19500-2836-10                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6638US                    | 3B           | CQN                                          | 19500-3464-12                         | /578                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6639                      | 3B           | CDWR                                         | 19500-777-04                          | /609                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCA 1N6639                  |              | CHRC                                         | 19500-3711-13                         | /609                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6639                       | 3B           | CHRC                                         | 19500-2836-10                         | /609                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANKCA 1N6639                  |              | CHRC                                         | 19500-3711-13                         | /609                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6639                      | 3B           | CQN                                          | 19500-3464-12                         | /609                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6639                      | 3B           | CHRC                                         | 19500-2465-09                         | /609                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6639                       | 3B           | CDWR                                         | 19500-1437-05                         | /609                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6639                       | 3B           | CQN                                          | 19500-3150-11                         | /609                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6639US                     | 3B           | CDWR                                         | 19500-1437-05                         | /609                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6639US                    | 3B           | CDWR                                         | 19500-777-04                          | /609                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6639US                     | 3B           | CHRC                                         | 19500-2836-10                         | /609                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6639US                    | 3B           | CQN                                          | 19500-3464-12                         | /609                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6639US                     | 3B           | CQN                                          | 19500-3150-11                         | /609                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6639US                    | 3B           | CHRC                                         | 19500-2465-09                         | /609                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6640                      | 3B           | CHRC                                         | 19500-2465-09                         | /609                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6640                      | 3B           | CQN                                          | 19500-3464-12                         | /609                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6640                       | 3B           | CDWR                                         | 19500-1437-05                         | /609                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCA 1N6640                  |              | CHRC                                         | 19500-3711-13                         | /609                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6640                       | 3B           | CQN                                          | 19500-3150-11                         | /609                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| JANKCA 1N6640                  |              | CHRC                                         | 19500-3711-13                         | /609                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6640                      | 3B           | CDWR                                         | 19500-777-04                          | /609                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6640                       | 3B           | CHRC                                         | 19500-2836-10                         | /609                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6640U                      | 3B           | CQN                                          | 19500-3150-11                         | /609                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6640US                    | 3B           | CQN                                          | 19500-3464-12                         | /609                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6640US                     | 3B           | CHRC                                         | 19500-2836-10                         | /609                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6640US                     | 3B           | CDWR                                         | 19500-1437-05                         | /609                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6640US                    | 3B           | CHRC                                         | 19500-2465-09                         | /609                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6640US                     | 3B           | CQN                                          | 19500-3150-11                         | /609                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6640US                    | 3B           | CDWR                                         | 19500-777-04                          | /609                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6641                      | 3B           | CDWR                                         | 19500-777-04                          | /609                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCA 1N6641                  |              | CHRC                                         | 19500-3711-13                         | /609                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6641                       | 3B           | CDWR                                         | 19500-1437-05                         | /609                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHCA 1N6641                  |              | CHRC                                         | 19500-3711-13                         | /609                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6641                       | 3B           | CQN                                          | 19500-3150-11                         | /609                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6641                      | 3B           | CHRC                                         | 19500-2465-09                         | /609                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6641                       | 3B           | CHRC                                         | 19500-2836-10                         | /609                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6641                      | 3B           | CQN                                          | 19500-3464-12                         | /609                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6641U                      | 3B           | CQN                                          | 19500-3150-11                         | /609                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6641US                     | 3B           | CDWR                                         | 19500-1437-05                         | /609                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6641US                    | 3B           | CDWR                                         | 19500-777-04                          | /609                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6641US                    | 3B           | CQN                                          | 19500-3464-12                         | /609                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6641US                    | 3B           | CHRC                                         | 19500-2465-09                         | /609                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6641US                     | 3B           | CHRC                                         | 19500-2836-10                         | /609                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6641US                     | 3B           | CQN                                          | 19500-3150-11                         | /609                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| JANHCA 1N6642                  |              | CHRC                                         | 19500-3711-13                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6642                      | 3B           | CDWR                                         | 19500-777-04                          | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6642                      | NS           | CDBV                                         | 19500-3661-12                         | /578                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| S 1N6642                       | 3B           | CQN                                          | 19500-3150-11                         | /578                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6642                      | 3B           | CQN                                          | 19500-3464-12                         | /578                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6642                       | 3B           | CHRC                                         | 19500-2836-10                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6642                      | 3B           | CHRC                                         | 19500-2465-09                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| JANKCA 1N6642                  |              | CHRC                                         | 19500-3711-13                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6642                       | 3B           | CDWR                                         | 19500-1437-05                         | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6642U                     | 3B           | CQN                                          | 19500-3464-12                         | /578                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6642U                      | 3B           | CHRC                                         | 19500-2836-10                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6642U                     | 3B           | CDWR                                         | 19500-777-04                          | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| S 1N6642U                      | 3B           | CDWR                                         | 19500-1437-05                         | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6642U                      | 3B           | CQN                                          | 19500-3150-11                         | /578                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6642UB                    | 3B           | CHRC                                         | 19500-3667-12                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6642UB                     | 3B           | CHRC                                         | 19500-3667-12                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6642UB                    | 3B           | CDWR                                         | 19500-1265-05                         | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6642UB                     | 3B           | CDWR                                         | 19500-1265-05                         | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6642UB2                    | 3B           | CHRC                                         | 19500-3667-12                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6642UB2                    | 3B           | CDWR                                         | 19500-1265-05                         | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6642UB2                   | 3B           | CDWR                                         | 19500-1265-05                         | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6642UB2                   | 3B           | CHRC                                         | 19500-3667-12                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6642UB2R                  | 3B           | CDWR                                         | 19500-1265-05                         | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6642UB2R                   | 3B           | CHRC                                         | 19500-3667-12                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6642UB2R                   | 3B           | CDWR                                         | 19500-1265-05                         | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6642UB2R                  | 3B           | CHRC                                         | 19500-3667-12                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6642UBCA                  | 3B           | CHRC                                         | 19500-3667-12                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6642UBCA                   | 3B           | CDWR                                         | 19500-1265-05                         | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6642UBCA                   | 3B           | CHRC                                         | 19500-3667-12                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6642UBCA                  | 3B           | CDWR                                         | 19500-1265-05                         | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6642UBCC                   | 3B           | CDWR                                         | 19500-1265-05                         | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6642UBCC                   | 3B           | CHRC                                         | 19500-3667-12                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6642UBCC                  | 3B           | CHRC                                         | 19500-3667-12                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6642UBCC                  | 3B           | CDWR                                         | 19500-1265-05                         | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6642UBD                   | 3B           | CDWR                                         | 19500-1265-05                         | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6642UBD                   | 3B           | CHRC                                         | 19500-3667-12                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6642UBD                    | 3B           | CHRC                                         | 19500-3667-12                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6642UBD                    | 3B           | CDWR                                         | 19500-1265-05                         | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6642US                     | 3B           | CDWR                                         | 19500-1437-05                         | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6642US                     | 3B           | CQN                                          | 19500-3150-11                         | /578                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6642US                    | 3B           | CQN                                          | 19500-3464-12                         | /578                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6642US                     | 3B           | CHRC                                         | 19500-2836-10                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6642US                    | 3B           | CDWR                                         | 19500-777-04                          | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6642US                    | 3B           | CHRC                                         | 19500-2465-09                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6643                      | 3B           | CDWR                                         | 19500-777-04                          | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKCA 1N6643                  |              | CHRC                                         | 19500-3711-13                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6643                       | 3B           | CQN                                          | 19500-3150-11                         | /578                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| JANHCA 1N6643                  |              | CHRC                                         | 19500-3711-13                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6643                       | 3B           | CHRC                                         | 19500-2836-10                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6643                      | NS           | CDBV                                         | 19500-3661-12                         | /578                 | D                            | SH879                                              | Semtech Corpus Christi S.A. de C.V. (1) |
| ** 1N6643                      | 3B           | CQN                                          | 19500-3464-12                         | /578                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6643                      | 3B           | CHRC                                         | 19500-2465-09                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N6643                       | 3B           | CDWR                                         | 19500-1437-05                         | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6643U                      | 3B           | CQN                                          | 19500-3150-11                         | /578                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6643U                      | 3B           | CHRC                                         | 19500-2836-10                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6643U                     | 3B           | CDWR                                         | 19500-777-04                          | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6643U                      | 3B           | CDWR                                         | 19500-1437-05                         | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6643U                     | 3B           | CQN                                          | 19500-3464-12                         | /578                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| ** 1N6643US                    | 3B           | CDWR                                         | 19500-777-04                          | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6643US                     | 3B           | CHRC                                         | 19500-2836-10                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6643US                    | 3B           | CHRC                                         | 19500-2465-09                         | /578                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N6643US                    | 3B           | CQN                                          | 19500-3464-12                         | /578                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6643US                     | 3B           | CQN                                          | 19500-3150-11                         | /578                 | D                            | 13409                                              | Sensitron Semiconductor                 |
| S 1N6643US                     | 3B           | CDWR                                         | 19500-1437-05                         | /578                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6657                      | NS           | CDWR                                         | 19500-3641-12                         | /616                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6657R                     | NS           | CDWR                                         | 19500-3641-12                         | /616                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6658                      | NS           | CDWR                                         | 19500-3641-12                         | /616                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6658R                     | NS           | CDWR                                         | 19500-3641-12                         | /616                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6659                      | NS           | CDWR                                         | 19500-3641-12                         | /616                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6659R                     | NS           | CDWR                                         | 19500-3641-12                         | /616                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6660                      | NS           | CDWR                                         | 19500-1751-06                         | /608                 | D                            | 43611                                              | Microsemi Lawrence (6)                  |
| ++ 1N6660CAT1                  | NS           | CCBS                                         | 19500-2463-09                         | /608                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| ** 1N6660CAT1                  | NS           | CDWR                                         | 19500-1751-06                         | /608                 | D                            | 43611                                              | Microsemi Lawrence (6)                  |
| S 1N6660CAT1                   | NS           | CCBS                                         | 19500-2463-09                         | /608                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| ** 1N6660CCT1                  | NS           | CDWR                                         | 19500-1751-06                         | /608                 | D                            | 43611                                              | Microsemi Lawrence (6)                  |
| S 1N6660CCT1                   | 3A           | CCBS                                         | 19500-1787-06                         | /608                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| ++ 1N6660CCT1                  | 3A           | CCBS                                         | 19500-1787-06                         | /608                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| ++ 1N6660DT1                   | 3A           | CCBS                                         | 19500-1787-06                         | /608                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| ** 1N6660DT1                   | NS           | CDWR                                         | 19500-1751-06                         | /608                 | D                            | 43611                                              | Microsemi Lawrence (6)                  |
| S 1N6660DT1                    | 3A           | CCBS                                         | 19500-1787-06                         | /608                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| ** 1N6660R                     | NS           | CDWR                                         | 19500-1751-06                         | /608                 | D                            | 43611                                              | Microsemi Lawrence (6)                  |
| S 1N6661                       | NS           | CDWR                                         | 19500-3370-11                         | /587                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6661                      | NS           | CDWR                                         | 19500-3370-11                         | /587                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6661US                    | NS           | CDWR                                         | 19500-3370-11                         | /587                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6661US                     | NS           | CDWR                                         | 19500-3370-11                         | /587                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6662                      | NS           | CDWR                                         | 19500-3370-11                         | /587                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6662                       | NS           | CDWR                                         | 19500-3370-11                         | /587                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6662US                     | NS           | CDWR                                         | 19500-3370-11                         | /587                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6662US                    | NS           | CDWR                                         | 19500-3370-11                         | /587                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6663                       | NS           | CDWR                                         | 19500-3370-11                         | /587                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6663                      | NS           | CDWR                                         | 19500-3370-11                         | /587                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6663US                    | NS           | CDWR                                         | 19500-3370-11                         | /587                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6663US                     | NS           | CDWR                                         | 19500-3370-11                         | /587                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6672                      | NS           | CDWR                                         | 19500-1756-06                         | /617                 | D                            | 43611                                              | Microsemi Lawrence (6)                  |
| ** 1N6672R                     | NS           | CDWR                                         | 19500-1756-06                         | /617                 | D                            | 43611                                              | Microsemi Lawrence (6)                  |
| ** 1N6673                      | NS           | CDWR                                         | 19500-1756-06                         | /617                 | D                            | 43611                                              | Microsemi Lawrence (6)                  |
| ** 1N6673R                     | NS           | CDWR                                         | 19500-1756-06                         | /617                 | D                            | 43611                                              | Microsemi Lawrence (6)                  |
| ** 1N6674                      | NS           | CDWR                                         | 19500-1756-06                         | /617                 | D                            | 43611                                              | Microsemi Lawrence (6)                  |
| ** 1N6674R                     | NS           | CDWR                                         | 19500-1756-06                         | /617                 | D                            | 43611                                              | Microsemi Lawrence (6)                  |
| JANHCA 1N6677                  |              | CDWR                                         | 19500-1264-05                         | /610                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6677-1                    | 2            | CDWR                                         | 19500-815-04                          | /610                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6677-1                     | 2            | CDWR                                         | 19500-2317-08                         | /610                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6677UR-1                  | 2            | CDWR                                         | 19500-815-04                          | /610                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6677UR-1                   | 2            | CDWR                                         | 19500-2317-08                         | /610                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHC 1N6761                   | 3A           | CDWR                                         | 19500-1264-05                         | /586                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6761-1                    | 3A           | CDWR                                         | 19500-815-04                          | /586                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6761-1                     | 3A           | CDWR                                         | 19500-1546-06                         | /586                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6761UR-1                  | 3A           | CDWR                                         | 19500-815-04                          | /586                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6761UR-1                   | 3A           | CDWR                                         | 19500-1546-06                         | /586                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6762                      | NS           | CDWR                                         | 19500-3641-12                         | /642                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6762R                     | NS           | CDWR                                         | 19500-3641-12                         | /642                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6763                      | NS           | CDWR                                         | 19500-3641-12                         | /642                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6763R                     | NS           | CDWR                                         | 19500-3641-12                         | /642                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6764                      | NS           | CDWR                                         | 19500-3641-12                         | /642                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6764R                     | NS           | CDWR                                         | 19500-3641-12                         | /642                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6765                      | NS           | CDWR                                         | 19500-3641-12                         | /642                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6765R                     | NS           | CDWR                                         | 19500-3641-12                         | /642                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6766                      | NS           | CDWR                                         | 19500-1756-06                         | /643                 | D                            | 43611                                              | Microsemi Lawrence (6)                  |
| ** 1N6766R                     | NS           | CDWR                                         | 19500-1756-06                         | /643                 | D                            | 43611                                              | Microsemi Lawrence (6)                  |
| ** 1N6767                      | NS           | CDWR                                         | 19500-1756-06                         | /643                 | D                            | 43611                                              | Microsemi Lawrence (6)                  |
| ** 1N6767R                     | NS           | CDWR                                         | 19500-1756-06                         | /643                 | D                            | 43611                                              | Microsemi Lawrence (6)                  |
| ** 1N6768                      | 2            | CDWR                                         | 19500-3134-11                         | /644                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6768R                     | 2            | CDWR                                         | 19500-3134-11                         | /644                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6769                      | 2            | CDWR                                         | 19500-3134-11                         | /644                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6769R                     | 2            | CDWR                                         | 19500-3134-11                         | /644                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6770                      | 2            | CDWR                                         | 19500-3134-11                         | /644                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N6770R                     | 2            | CDWR                                         | 19500-3134-11                         | /644                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6771                      | 2            | CDWR                                         | 19500-3134-11                         | /644                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6771R                     | 2            | CDWR                                         | 19500-3134-11                         | /644                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6774                      | NS           | CDWR                                         | 19500-3641-12                         | /646                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6775                      | NS           | CDWR                                         | 19500-3641-12                         | /646                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6776                      | NS           | CDWR                                         | 19500-3641-12                         | /646                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6777                      | NS           | CDWR                                         | 19500-3641-12                         | /646                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6778                      | NS           | CDWR                                         | 19500-1756-06                         | /647                 | D                            | 43611                                              | Microsemi Lawrence (6)                  |
| ** 1N6779                      | NS           | CDWR                                         | 19500-1756-06                         | /647                 | D                            | 43611                                              | Microsemi Lawrence (6)                  |
| ** 1N6840U3                    | 3A           | CDWR                                         | 19500-3694-13                         | /678                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6840U3                    | NS           | CDWR                                         | 19500-2656-09                         | /678                 | D                            | 43611                                              | Microsemi Lawrence (6)                  |
| ** 1N6841U3                    | NS           | CDWR                                         | 19500-2656-09                         | /678                 | D                            | 43611                                              | Microsemi Lawrence (6)                  |
| ** 1N6841U3                    | 3A           | CDWR                                         | 19500-3694-13                         | /678                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6842U3                    | 3A           | CDWR                                         | 19500-3694-13                         | /680                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6842U3                    | NS           | CDWR                                         | 19500-2656-09                         | /680                 | D                            | 43611                                              | Microsemi Lawrence (6)                  |
| ** 1N6843CCU3                  | NS           | CDWR                                         | 19500-2656-09                         | /681                 | D                            | 43611                                              | Microsemi Lawrence (6)                  |
| ** 1N6843CCU3                  | 3A           | CDWR                                         | 19500-3694-13                         | /681                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6843CCU3                   | NS           | CCBS                                         | 19500-1964-07                         | /681                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| ++ 1N6843CCU3                  | NS           | CCBS                                         | 19500-1964-07                         | /681                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| ** 1N6844U3                    | NS           | CDWR                                         | 19500-3507-12                         | /730                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N6844U3                     | NS           | CCBS                                         | 19500-1253-05                         | /679                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| S 1N6844U3                     | NS           | CDWR                                         | 19500-3507-12                         | /679                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6845U3                    | NS           | CDWR                                         | 19500-3851-13                         | /682                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANKC 1N6857                   |              | CDWR                                         | 19500-1290-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHC 1N6857                   |              | CDWR                                         | 19500-1290-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6857-1                    | 0            | CDWR                                         | 19500-1422-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6857UR-1                  | 0            | CDWR                                         | 19500-1422-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANHC 1N6858                   |              | CDWR                                         | 19500-1290-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JANKC 1N6858                   |              | CDWR                                         | 19500-1290-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6858-1                    | 0            | CDWR                                         | 19500-1422-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6858UR-1                  | 0            | CDWR                                         | 19500-1422-05                         | /444                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6864                       | NS           | CDWR                                         | 19500-1783-06                         | /620                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6864                      | NS           | CDWR                                         | 19500-1783-06                         | /620                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6864US                    | NS           | CDWR                                         | 19500-1783-06                         | /620                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N6864US                     | NS           | CDWR                                         | 19500-1783-06                         | /620                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N6910UTK2                  | 3B           | CDWR                                         | 19500-3596-12                         | /723                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6910UTK2AS                | 3B           | CDWR                                         | 19500-3596-12                         | /723                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6910UTK2CS                | 3B           | CDWR                                         | 19500-3596-12                         | /723                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6911UTK2                  | 3B           | CDWR                                         | 19500-3596-12                         | /723                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6911UTK2AS                | 3B           | CDWR                                         | 19500-3596-12                         | /723                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6911UTK2CS                | 3B           | CDWR                                         | 19500-3596-12                         | /723                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6912UTK2                  | 3B           | CDWR                                         | 19500-3596-12                         | /723                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6912UTK2AS                | 3B           | CDWR                                         | 19500-3596-12                         | /723                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6912UTK2CS                | 3B           | CDWR                                         | 19500-3596-12                         | /723                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6940UTK3                  | 3B           | CDWR                                         | 19500-3594-12                         | /726                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6940UTK3AS                | 3B           | CDWR                                         | 19500-3594-12                         | /726                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6940UTK3CS                | 3B           | CDWR                                         | 19500-3594-12                         | /726                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6941UTK3                  | 3B           | CDWR                                         | 19500-3594-12                         | /726                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6941UTK3AS                | 3B           | CDWR                                         | 19500-3594-12                         | /726                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6941UTK3CS                | 3B           | CDWR                                         | 19500-3594-12                         | /726                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6942UTK3                  | 3B           | CDWR                                         | 19500-3594-12                         | /726                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6942UTK3AS                | 3B           | CDWR                                         | 19500-3594-12                         | /726                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N6942UTK3CS                | 3B           | CDWR                                         | 19500-3594-12                         | /726                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N7037CCU1                   | NS           | CDWR                                         | 19500-3507-12                         | /730                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ++ 1N7037CCU1                  | 3A           | CCBS                                         | 19500-1253-05                         | /730                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| ** 1N7037CCU1                  | NS           | CDWR                                         | 19500-3507-12                         | /730                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N7037CCU1                   | 3A           | CCBS                                         | 19500-1253-05                         | /730                 | D                            | 69210                                              | International Rectifier Corporation (7) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N7038U3                    | 1B           | CCBS                                         | 19500-2140-08                         | /731                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| S 1N7038U3                     | 1B           | CCBS                                         | 19500-2140-08                         | /731                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| ** 1N7039CCT1                  | 1B           | CCBS                                         | 19500-2140-08                         | /737                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| S 1N7039CCT1                   | 1B           | CCBS                                         | 19500-2140-08                         | /737                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| ** 1N7039CCT1 6/               | 1B           | CDWR                                         | 19500-3973-13                         | /737                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N7039CCU1                  | 1B           | CCBS                                         | 19500-2140-08                         | /737                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| S 1N7039CCU1                   | 1B           | CCBS                                         | 19500-2140-08                         | /737                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| ** 1N7039CCU1 6/               | 1B           | CDWR                                         | 19500-3973-13                         | /737                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N7041CCU1                   | 3A           | CCBS                                         | 19500-1787-06                         | /735                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| ++ 1N7041CCU1                  | 3A           | CCBS                                         | 19500-1787-06                         | /735                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| S 1N7043CAT1                   | 3A           | CCBS                                         | 19500-2844-10                         | /730                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| ++ 1N7043CAT1                  | 3A           | CCBS                                         | 19500-2844-10                         | /730                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| ** 1N7043CAT1                  | NS           | CDWR                                         | 19500-3507-12                         | /730                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N7043CAT1                   | NS           | CDWR                                         | 19500-3507-12                         | /730                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N7043CAT1                  | NS           | CDWR                                         | 19500-3507-12                         | /730                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ++ 1N7043CCT1                  | 3A           | CCBS                                         | 19500-1253-05                         | /730                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| ** 1N7043CCT1                  | NS           | CDWR                                         | 19500-3507-12                         | /730                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 1N7043CCT1                   | 3            | CCBS                                         | 19500-1253-05                         | /730                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| S 1N7043CCT1                   | NS           | CDWR                                         | 19500-3507-12                         | /730                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ++ 1N7045T3                    | 3A           | CCBS                                         | 19500-1787-06                         | /735                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| S 1N7045T3                     | 3A           | CCBS                                         | 19500-1787-06                         | /735                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| S 1N7047CCT3                   | 1B           | CCBS                                         | 19500-2140-08                         | /737                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| ** 1N7047CCT3                  | 1B           | CCBS                                         | 19500-2140-08                         | /737                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| ** 1N7047CCT3 6/               | 1B           | CDWR                                         | 19500-3973-13                         | /737                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 1N7048-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N7048-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7048-1                    | NS           | CDWR                                         | 19500-1716-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N7048UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7048UR-1                  | NS           | CDWR                                         | 19500-1716-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7048UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N7049-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N7049-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7049-1                    | NS           | CDWR                                         | 19500-1716-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7049UR-1                  | NS           | CDWR                                         | 19500-1716-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7049UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N7049UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7050-1                    | NS           | CDWR                                         | 19500-1716-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7050-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N7050-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N7050UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7050UR-1                  | NS           | CDWR                                         | 19500-1716-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7050UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N7051-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7051-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N7051-1                    | NS           | CDWR                                         | 19500-1716-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7051UR-1                  | NS           | CDWR                                         | 19500-1716-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7051UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N7051UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7052-1                    | NS           | CDWR                                         | 19500-1716-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N7052-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7052-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N7052UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7052UR-1                  | NS           | CDWR                                         | 19500-1716-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7052UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N7053-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7053-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N7053-1                    | NS           | CDWR                                         | 19500-1716-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 1N7053UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N7053UR-1                  | NS           | CDWR                                         | 19500-1716-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N7053UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7054-1                    | NS           | CDWR                                         | 19500-1716-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7054-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| S 1N7054-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7054UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N7054UR-1                  | NS           | CDWR                                         | 19500-1716-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N7054UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N7055-1                     | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7055-1                    | NS           | CDWR                                         | 19500-1716-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7055-1                    | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N7055UR-1                  | NS           | CHRC                                         | 19500-3530-12                         | /463                 | D                            | 52GC4                                              | Aeroflex-Metelics (2)                   |
| ** 1N7055UR-1                  | NS           | CDWR                                         | 19500-1716-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 1N7055UR-1                   | NS           | CDWR                                         | 19500-1683-06                         | /463                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 1N7058CCU3                  | 1B           | CCBS                                         | 19500-2140-08                         | /731                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| S 1N7058CCU3                   | 1B           | CCBS                                         | 19500-2140-08                         | /731                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| S 1N7062CCT1                   | 3B           | CCBS                                         | 19500-2868-10                         | /762                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| ++ 1N7064CCU3                  | NS           | CCBS                                         | 19500-2714-10                         | /754                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| S 1N7064CCU3                   | NS           | CCBS                                         | 19500-2714-10                         | /754                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| ++ 1N7064CCU3C                 | NS           | CCBS                                         | 19500-2714-10                         | /754                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| S 1N7064CCU3C                  | NS           | CCBS                                         | 19500-2714-10                         | /754                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| S 1N7069T1                     | NS           | CCBS                                         | 19500-3056-11                         | /761                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| S 1N7070CCT3                   | NS           | CCBS                                         | 19500-2870-10                         | /763                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| ++ 1N7070CCT3                  | NS           | CCBS                                         | 19500-3876-13                         | /763                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| S 1N7071CCT8                   | NS           | CCBS                                         | 1950-2869-10                          | /764                 | D                            | 69210                                              | International Rectifier Corporation (7) |
| JAN 2N333                      | 3A           | CDWR                                         | 19500-104-95                          | /37                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N333A                     | 3A           | CDWR                                         | 19500-104-95                          | /37                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N333ALT2                  | 3A           | CDWR                                         | 19500-104-95                          | /37                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N333AT2                   | 3A           | CDWR                                         | 19500-104-95                          | /37                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N333LT2                   | 3A           | CDWR                                         | 19500-104-95                          | /37                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N333T2                    | 3A           | CDWR                                         | 19500-104-95                          | /37                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N335                      | 3A           | CDWR                                         | 19500-104-95                          | /37                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N335A                     | 3A           | CDWR                                         | 19500-104-95                          | /37                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N335ALT2                  | 3A           | CDWR                                         | 19500-104-95                          | /37                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N335AT2                   | 3A           | CDWR                                         | 19500-104-95                          | /37                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N335LT2                   | 3A           | CDWR                                         | 19500-104-95                          | /37                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N335T2                    | 3A           | CDWR                                         | 19500-104-95                          | /37                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N336                      | 3A           | CDWR                                         | 19500-104-95                          | /37                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N336A                     | 3A           | CDWR                                         | 19500-104-95                          | /37                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N336ALT2                  | 3A           | CDWR                                         | 19500-104-95                          | /37                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N336AT2                   | 3A           | CDWR                                         | 19500-104-95                          | /37                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N336LT2                   | 3A           | CDWR                                         | 19500-104-95                          | /37                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N336T2                    | 3A           | CDWR                                         | 19500-104-95                          | /37                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N497                      | NS           | CDWR                                         | 19500-3759-13                         | /74                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N498                      | NS           | CDWR                                         | 19500-3759-13                         | /74                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N656                      | NS           | CDWR                                         | 19500-3759-13                         | /74                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N656S                     | NS           | CDWR                                         | 19500-3759-13                         | /74                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N657                      | NS           | CDWR                                         | 19500-3759-13                         | /74                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| JAN 2N657S                     | NS           | CDWR                                         | 19500-3759-13                         | /74                  | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| * 2N682                        | NS           | CSES                                         | 19500-035-99                          | /108                 | D                            | 31338                                              | Semitronics Corporation                 |
| * 2N683                        | NS           | CSES                                         | 19500-035-99                          | /108                 | D                            | 31338                                              | Semitronics Corporation                 |
| * 2N685                        | NS           | CSES                                         | 19500-035-99                          | /108                 | D                            | 31338                                              | Semitronics Corporation                 |
| * 2N686                        | NS           | CSES                                         | 19500-035-99                          | /108                 | D                            | 31338                                              | Semitronics Corporation                 |
| * 2N687                        | NS           | CSES                                         | 19500-035-99                          | /108                 | D                            | 31338                                              | Semitronics Corporation                 |
| * 2N688                        | NS           | CSES                                         | 19500-035-99                          | /108                 | D                            | 31338                                              | Semitronics Corporation                 |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| * 2N689                        | NS           | CSES                                         | 19500-035-99                          | /108                 | D                            | 31338                                              | Semitronics Corporation        |
| * 2N690                        | NS           | CSES                                         | 19500-035-99                          | /108                 | D                            | 31338                                              | Semitronics Corporation        |
| * 2N691                        | 3            | CDWR                                         | 19500-542-03                          | /108                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| * 2N692                        | 3            | CDWR                                         | 19500-542-03                          | /108                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| JAN 2N696 4/                   | NS           | CDWR                                         | 19500-3759-13                         | /99                  | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JAN 2N696S 4/                  | NS           | CDWR                                         | 19500-3759-13                         | /99                  | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JAN 2N697 4/                   | NS           | CDWR                                         | 19500-3759-13                         | /99                  | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JAN 2N697S 4/                  | NS           | CDWR                                         | 19500-3759-13                         | /99                  | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JAN 2N706                      | 3A           | CDWR                                         | 19500-075-96                          | /120                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| * 2N708 4/, 6/                 | 3A           | CDWR                                         | 19500-075-96                          | /312                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N718A 6/                   | NS           | CDWR                                         | 19500-066-95                          | /181                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N720A                      | 3A           | CEJJ                                         | 19500-290-96                          | /182                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N720A 6/                   | NS           | CDWR                                         | 19500-066-95                          | /182                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N918                       | 1C           | CEJJ                                         | 19500-3394-12                         | /301                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANHCAF 2N918                  |              | CEJJ                                         | 19500-3394-12                         | /301                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N918                       | 1C           | CDWR                                         | 19500-1717-06                         | /301                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N918                        | 1C           | CDWR                                         | 19500-1717-06                         | /301                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N918                        | 1C           | CEJJ                                         | 19500-3394-12                         | /301                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N918                       | 1C           | CEJJ                                         | 19500-3394-12                         | /301                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCB 2N918                   |              | CDWR                                         | 19500-1717-06                         | /301                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCB 2N918                   |              | CDWR                                         | 19500-1717-06                         | /301                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCAF 2N918                  |              | CEJJ                                         | 19500-3394-12                         | /301                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N918UB                     | 1C           | CDWR                                         | 19500-1717-06                         | /301                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N918UB                     | 1C           | CEJJ                                         | 19500-3394-12                         | /301                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N918UB                      | 1C           | CEJJ                                         | 19500-3394-12                         | /301                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N918UB                     | 1C           | CEJJ                                         | 19500-3394-12                         | /301                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N918UB                      | 1C           | CDWR                                         | 19500-1717-06                         | /301                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N930                        | 3A           | CDWR                                         | 19500-1967-07                         | /253                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N930                       | 3A           | CEJJ                                         | 19500-235-99                          | /253                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N930                       | 3A           | CDWR                                         | 19500-104-95                          | /253                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N930UB                     | 3A           | CDWR                                         | 19500-104-95                          | /253                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N930UB                      | 3A           | CDWR                                         | 19500-1967-07                         | /253                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JAN 2N1016B                    | 3A           | CDWR                                         | 19500-3916-13                         | /102                 | DMS                          | 43611                                              | Microsemi Lawrence (1)         |
| JAN 2N1016C                    | 3A           | CDWR                                         | 19500-3916-13                         | /102                 | DMS                          | 43611                                              | Microsemi Lawrence (1)         |
| JAN 2N1016D                    | 3A           | CDWR                                         | 19500-3916-13                         | /102                 | DMS                          | 43611                                              | Microsemi Lawrence (1)         |
| JAN 2N1479 4/                  | 3            | CDWR                                         | 19500-638-87                          | /207(ER              | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JAN 2N1480 4/                  | 3            | CDWR                                         | 19500-638-87                          | /207(ER              | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JAN 2N1481 4/                  | 3            | CDWR                                         | 19500-638-87                          | /207(ER              | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JAN 2N1482 4/                  | 3            | CDWR                                         | 19500-638-87                          | /207(ER              | D                            | 43611                                              | Microsemi Lawrence (1)         |
| * 2N1483                       | NS           | CDWR                                         | 19500-638-87                          | /180                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| * 2N1484                       | NS           | CDWR                                         | 19500-638-87                          | /180                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| * 2N1485                       | NS           | CDWR                                         | 19500-638-87                          | /180                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| * 2N1486                       | NS           | CDWR                                         | 19500-638-87                          | /180                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N1613 6/                   | NS           | CDWR                                         | 19500-3759-13                         | /181                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N1613L 6/                  | NS           | CDWR                                         | 19500-3759-13                         | /181                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| * 2N1711 6/                    | NS           | CDWR                                         | 19500-2605-09                         | /225                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| * 2N1711S 6/                   | NS           | CDWR                                         | 19500-2605-09                         | /225                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N1714                      | 3B           | CDWR                                         | 19500-1840-07                         | /263                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N1714S                     | 3B           | CDWR                                         | 19500-1840-07                         | /263                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N1715                      | 3B           | CDWR                                         | 19500-1840-07                         | /263                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N1715S                     | 3B           | CDWR                                         | 19500-1840-07                         | /263                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N1716                      | 3B           | CDWR                                         | 19500-1840-07                         | /263                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N1716S                     | 3B           | CDWR                                         | 19500-1840-07                         | /263                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N1717                      | 3B           | CDWR                                         | 19500-1840-07                         | /263                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N1717S                     | 3B           | CDWR                                         | 19500-1840-07                         | /263                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| * 2N1724                       | 3A           | CDWR                                         | 19500-269-02                          | /262                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| * 2N1771A                      | NS           | CSES                                         | 19500-124-01                          | /168                 | D                            | 31338                                              | Semitronics Corporation        |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| * 2N1772A                      | NS           | CSES                                         | 19500-124-01                          | /168                 | D                            | 31338                                              | Semitronics Corporation        |
| * 2N1774A                      | NS           | CSES                                         | 19500-124-01                          | /168                 | D                            | 31338                                              | Semitronics Corporation        |
| * 2N1776A                      | NS           | CSES                                         | 19500-124-01                          | /168                 | D                            | 31338                                              | Semitronics Corporation        |
| * 2N1777A                      | NS           | CSES                                         | 19500-124-01                          | /168                 | D                            | 31338                                              | Semitronics Corporation        |
| * 2N1778A                      | NS           | CSES                                         | 19500-124-01                          | /168                 | D                            | 31338                                              | Semitronics Corporation        |
| * 2N1890 6/                    | NS           | CDWR                                         | 19500-2605-09                         | /225                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| * 2N1890S 6/                   | NS           | CDWR                                         | 19500-2605-09                         | /225                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N1893                      | 3A           | CEJJ                                         | 19500-290-96                          | /182                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N1893 6/                   | NS           | CDWR                                         | 19500-3759-13                         | /182                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N1893S                     | 3A           | CEJJ                                         | 19500-290-96                          | /182                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N1893S 6/                  | NS           | CDWR                                         | 19500-3759-13                         | /182                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2060                      | 3A           | CEJJ                                         | 19500-252-99                          | /270                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2060 6/                   | NS           | CDWR                                         | 19500-204-97                          | /270                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2060L 6/                  | NS           | CDWR                                         | 19500-204-97                          | /270                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N2218                      | 3B           | CDWR                                         | 19500-2417-09                         | /251                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 2N2218                      | 3A           | CEJJ                                         | 19500-221-94                          | /251                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2218                      | 3B           | CDWR                                         | 19500-1722-06                         | /251                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 2N2218                      | 3            | CDWR                                         | 19500-102-95                          | /251                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2218A                      | 3A           | CHRC                                         | 19500-3640-12                         | /251                 | D                            | 52GC4                                              | Aeroflex-Metelics (4)          |
| SR 2N2218A                     | 3B           | CDWR                                         | 19500-2417-09                         | /251                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 2N2218A                     | 3            | CDWR                                         | 19500-102-95                          | /251                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2218A                     | 3B           | CDWR                                         | 19500-1722-06                         | /251                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 2N2218A                     | 3A           | CEJJ                                         | 19500-221-94                          | /251                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2218AL                    | 3A           | CEJJ                                         | 19500-221-94                          | /251                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2218AL                    | 3            | CDWR                                         | 19500-102-95                          | /251                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N2218AL                    | 3B           | CDWR                                         | 19500-2417-09                         | /251                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 2N2218AL                    | 3B           | CDWR                                         | 19500-1722-06                         | /251                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| S 2N2218AL                     | 3A           | CHRC                                         | 19500-3640-12                         | /251                 | D                            | 52GC4                                              | Aeroflex-Metelics (4)          |
| ** 2N2219                      | 3B           | CONP                                         | 19500-3383-12                         | /251                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 2N2219                      | 3            | CDWR                                         | 19500-102-95                          | /251                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2219                      | 3A           | CEJJ                                         | 19500-221-94                          | /251                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SR 2N2219                      | 3B           | CDWR                                         | 19500-2417-09                         | /251                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| SR 2N2219                      | 3A           | CEJJ                                         | 19500-2292-10                         | /251                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N2219                       | 3            | CDWR                                         | 19500-1722-06                         | /251                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| S 2N2219                       | 3A           | CEJJ                                         | 19500-2292-10                         | /251                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SR 2N2219A                     | 3B           | CDWR                                         | 19500-2417-09                         | /251                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| S 2N2219A                      | 3            | CDWR                                         | 19500-1722-06                         | /251                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 2N2219A                     | 3B           | CONP                                         | 19500-3383-12                         | /251                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 2N2219A                     | 3            | CDWR                                         | 19500-102-95                          | /251                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2219A                      | 3A           | CEJJ                                         | 19500-2292-10                         | /251                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SR 2N2219A                     | 3A           | CEJJ                                         | 19500-2292-10                         | /251                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2219A                     | 3A           | CEJJ                                         | 19500-221-94                          | /251                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N2219A                      | 3A           | CHRC                                         | 19500-3640-12                         | /251                 | D                            | 52GC4                                              | Aeroflex-Metelics (4)          |
| ** 2N2219AL                    | 3B           | CONP                                         | 19500-3383-12                         | /251                 | D                            | 31471                                              | On Semiconductor (2)           |
| S 2N2219AL                     | 3A           | CEJJ                                         | 19500-2292-10                         | /251                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2219AL                    | 3            | CDWR                                         | 19500-102-95                          | /251                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N2219AL                    | 3B           | CDWR                                         | 19500-2417-09                         | /251                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| SR 2N2219AL                    | 3A           | CEJJ                                         | 19500-2292-10                         | /251                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N2219AL                     | 3A           | CHRC                                         | 19500-3640-12                         | /251                 | D                            | 52GC4                                              | Aeroflex-Metelics (4)          |
| S 2N2219AL                     | 3            | CDWR                                         | 19500-1722-06                         | /251                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 2N2219AL                    | 3A           | CEJJ                                         | 19500-221-94                          | /251                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANHCB 2N2221A                 |              | CDWR                                         | 19500-030-00                          | /255                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2221A                     | 3            | CDWR                                         | 19500-104-95                          | /255                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCB 2N2221A                 |              | CDWR                                         | 19500-1438-05                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| SH 2N2221A                     | 3            | CDWR                                         | 19500-1868-07                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| S 2N2221A                      | 3            | CDWR                                         | 19500-1722-06                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| JANHCB 2N2221A                 | 3B           | CDWR                                         | 19500-1722-06                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| JANKCD 2N2221A                 |              | CHRC                                         | 19500-3640-12                         | /255                 | D                            | 52GC4                                              | Aeroflex-Metelics (4)          |
| JANHCD 2N2221A                 |              | CHRC                                         | 19500-3640-12                         | /255                 | D                            | 52GC4                                              | Aeroflex-Metelics (4)          |
| S 2N2221A                      | 3A           | CHRC                                         | 19500-3640-12                         | /255                 | D                            | 52GC4                                              | Aeroflex-Metelics (4)          |
| JANKCBH 2N2221A                | 3            | CDWR                                         | 19500-1868-07                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 2N2221A                     | 3B           | CDWR                                         | 19500-1722-06                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| JANKCB 2N2221A                 |              | CDWR                                         | 19500-1722-06                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 2N2221A                     | NS           | CONP                                         | 19500-3383-12                         | /255                 | D                            | 31471                                              | On Semiconductor (2)           |
| JANJ 2N2221A                   | 3            | CDWR                                         | 19500-1238-05                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SF 2N2221A 6/                  | 3B           | CEJJ                                         | 19500-3917-13                         | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2221A 6/                  | 1B           | CEJJ                                         | 19500-3810-13                         | /255                 | D                            | 34156                                              | Semicoa Corp (3)               |
| JANKCCF 2N2221A 6/             | 3B           | CEJJ                                         | 19500-3917-13                         | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N2221AL                     | 3A           | CHRC                                         | 19500-3640-12                         | /255                 | D                            | 52GC4                                              | Aeroflex-Metelics (4)          |
| ** 2N2221AL                    | NS           | CONP                                         | 19500-3383-12                         | /255                 | D                            | 31471                                              | On Semiconductor (2)           |
| JANJ 2N2221AL                  | 3            | CDWR                                         | 19500-1238-05                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2221AL                    | 3B           | CDWR                                         | 19500-1722-06                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| S 2N2221AL                     | 3            | CDWR                                         | 19500-1722-06                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 2N2221AL                    | 3            | CDWR                                         | 19500-104-95                          | /255                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SH 2N2221AL                    | 3            | CDWR                                         | 19500-1868-07                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| SF 2N2221AL 6/                 | 3B           | CEJJ                                         | 19500-3917-13                         | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2221AL 6/                 | 1B           | CEJJ                                         | 19500-3810-13                         | /255                 | D                            | 34156                                              | Semicoa Corp (3)               |
| ** 2N2221AUA                   | 3            | CDWR                                         | 19500-104-95                          | /255                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2221AUA                    | 3A           | CHRC                                         | 19500-3667-12                         | /255                 | D                            | 52GC4                                              | Aeroflex-Metelics (4)          |
| ** 2N2221AUA                   | 3B           | CDWR                                         | 19500-1722-06                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| S 2N2221AUA                    | 3            | CDWR                                         | 19500-1722-06                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| SH 2N2221AUA                   | 3            | CDWR                                         | 19500-1868-07                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| JANJ 2N2221AUA                 | 3            | CDWR                                         | 19500-1238-05                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SF 2N2221AUA 6/                | 3B           | CEJJ                                         | 19500-3917-13                         | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N2221AUB                    | 3A           | CHRC                                         | 19500-3667-12                         | /255                 | D                            | 52GC4                                              | Aeroflex-Metelics (4)          |
| S 2N2221AUB                    | 3            | CDWR                                         | 19500-1722-06                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| JANJ 2N2221AUB                 | 3            | CDWR                                         | 19500-1238-05                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2221AUB                   | 3            | CDWR                                         | 19500-104-95                          | /255                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SH 2N2221AUB                   | 3            | CDWR                                         | 19500-1868-07                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 2N2221AUB                   | 3B           | CDWR                                         | 19500-1722-06                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| SF 2N2221AUB 6/                | 3B           | CEJJ                                         | 19500-3917-13                         | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SH 2N2221AUBC                  | 3B           | CDWR                                         | 19500-2220-08                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| SH 2N2221AUBC                  | 3B           | CDWR                                         | 19500-3715-13                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| S 2N2221AUBC                   | 3B           | CDWR                                         | 19500-3715-13                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| S 2N2221AUBC                   | 3B           | CDWR                                         | 19500-2220-08                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| SF 2N2221AUBC 6/               | 3B           | CEJJ                                         | 19500-3917-13                         | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCCR 2N2222A                |              | CEJJ                                         | 19500-123-02                          | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2222A                     | 3B           | CDWR                                         | 19500-1722-06                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 2N2222A                     | 3B           | CONP                                         | 19500-3383-12                         | /255                 | D                            | 31471                                              | On Semiconductor (2)           |
| JANHCD 2N2222A                 |              | CHRC                                         | 19500-3640-12                         | /255                 | D                            | 52GC4                                              | Aeroflex-Metelics (4)          |
| S 2N2222A                      | 3A           | CHRC                                         | 19500-3640-12                         | /255                 | D                            | 52GC4                                              | Aeroflex-Metelics (4)          |
| S 2N2222A                      | 3            | CDWR                                         | 19500-1722-06                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| JANHCCR 2N2222A                |              | CEJJ                                         | 19500-123-02                          | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANHCB 2N2222A                 |              | CDWR                                         | 19500-030-00                          | /255                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SH 2N2222A                     | 3            | CDWR                                         | 19500-1868-07                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| JANKCB 2N2222A                 |              | CDWR                                         | 19500-1722-06                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| JANHCB 2N2222A                 | 3B           | CDWR                                         | 19500-1722-06                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| JANKCD 2N2222A                 |              | CHRC                                         | 19500-3640-12                         | /255                 | D                            | 52GC4                                              | Aeroflex-Metelics (4)          |
| S 2N2222A                      | 3A           | CEJJ                                         | 19500-683-92                          | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCB 2N2222A                 |              | CDWR                                         | 19500-1438-05                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 2N2222A                     | 3            | CDWR                                         | 19500-104-95                          | /255                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N2222A                     | 3A           | CEJJ                                         | 19500-683-92                          | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCBH 2N2222A                | 3            | CDWR                                         | 19500-1868-07                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| JANJ 2N2222A                   | 3            | CDWR                                         | 19500-1238-05                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 2N2222A                     | 3A           | CEJJ                                         | 19500-683-92                          | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCCF 2N2222A 6/             | 3B           | CEJJ                                         | 19500-3917-13                         | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2222A 6/                  | 1B           | CEJJ                                         | 19500-3810-13                         | /255                 | D                            | 34156                                              | Semicoa Corp (3)               |
| SF 2N2222A 6/                  | 3B           | CEJJ                                         | 19500-3917-13                         | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SH 2N2222AL                    | 3            | CDWR                                         | 19500-1868-07                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| JANJ 2N2222AL                  | 3            | CDWR                                         | 19500-1238-05                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2222AL                     | 3A           | CHRC                                         | 19500-3640-12                         | /255                 | D                            | 52GC4                                              | Aeroflex-Metelics (4)          |
| S 2N2222AL                     | 3            | CDWR                                         | 19500-1722-06                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 2N2222AL                    | 3            | CDWR                                         | 19500-104-95                          | /255                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2222AL                    | 3B           | CONP                                         | 19500-3383-12                         | /255                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 2N2222AL                    | 3B           | CDWR                                         | 19500-1722-06                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| SF 2N2222AL 6/                 | 3B           | CEJJ                                         | 19500-3917-13                         | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2222AL 6/                 | 1B           | CEJJ                                         | 19500-3810-13                         | /255                 | D                            | 34156                                              | Semicoa Corp (3)               |
| ** 2N2222AUA                   | 3            | CDWR                                         | 19500-104-95                          | /255                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2222AUA                    | 3A           | CEJJ                                         | 19500-3023-11                         | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANJ 2N2222AUA                 | 3            | CDWR                                         | 19500-1238-05                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SH 2N2222AUA                   | 3            | CDWR                                         | 19500-1868-07                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| S 2N2222AUA                    | 3            | CDWR                                         | 19500-1722-06                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 2N2222AUA                   | 3B           | CDWR                                         | 19500-1722-06                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 2N2222AUA                   | 3A           | CEJJ                                         | 19500-3023-11                         | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N2222AUA                    | 3A           | CHRC                                         | 19500-3667-12                         | /255                 | D                            | 52GC4                                              | Aeroflex-Metelics (4)          |
| SR 2N2222AUA                   | 3A           | CEJJ                                         | 19500-3023-11                         | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N2222AUA 6/                | 3B           | CEJJ                                         | 19500-3917-13                         | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SR 2N2222AUB                   | 3A           | CEJJ                                         | 19500-683-92                          | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2222AUB                   | 3B           | CDWR                                         | 19500-1722-06                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| ** 2N2222AUB                   | 3A           | CEJJ                                         | 19500-428-92                          | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANJ 2N2222AUB                 | 3            | CDWR                                         | 19500-1238-05                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SH 2N2222AUB                   | 3            | CDWR                                         | 19500-1868-07                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| SR 2N2222AUB                   | 3B           | CSTM                                         | 19500-3595-12                         | /255                 | D                            | F8859                                              | STMicroelectronics (2)         |
| S 2N2222AUB                    | 3            | CDWR                                         | 19500-1722-06                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| S 2N2222AUB                    | 3A           | CEJJ                                         | 19500-682-92                          | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N2222AUB                    | 3A           | CHRC                                         | 19500-3667-12                         | /255                 | D                            | 52GC4                                              | Aeroflex-Metelics (4)          |
| ** 2N2222AUB                   | 3            | CDWR                                         | 19500-104-95                          | /255                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2222AUB                    | 3B           | CSTM                                         | 19500-3307-11                         | /255                 | D                            | F8859                                              | STMicroelectronics (2)         |
| SF 2N2222AUB 6/                | 3B           | CEJJ                                         | 19500-3917-13                         | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SH 2N2222AUBC                  | 3B           | CDWR                                         | 19500-3715-13                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| S 2N2222AUBC                   | 3B           | CDWR                                         | 19500-3715-13                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| S 2N2222AUBC                   | 3B           | CDWR                                         | 19500-2220-08                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| SH 2N2222AUBC                  | 3B           | CDWR                                         | 19500-2220-08                         | /255                 | D                            | 43611                                              | Microsemi Lawrence (11)        |
| SR 2N2222AUBC                  | 3A           | CEJJ                                         | 19500-2293-08                         | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N2222AUBC 6/               | 3B           | CEJJ                                         | 19500-3917-13                         | /255                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2323                      | 3A           | CHRC                                         | 19500-3706-13                         | /276                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N2323                      | 3A           | CDWR                                         | 19500-846-04                          | /276                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N2323A                     | 3A           | CHRC                                         | 19500-3706-13                         | /276                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N2323A                     | 3A           | CDWR                                         | 19500-846-04                          | /276                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N2323AS                    | 3A           | CDWR                                         | 19500-846-04                          | /276                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N2323AS                    | 3A           | CHRC                                         | 19500-3706-13                         | /276                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N2323S                     | 3A           | CHRC                                         | 19500-3706-13                         | /276                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N2323S                     | 3A           | CDWR                                         | 19500-846-04                          | /276                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N2324                      | 3A           | CHRC                                         | 19500-3706-13                         | /276                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N2324                      | 3A           | CDWR                                         | 19500-846-04                          | /276                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N2324A                     | 3A           | CDWR                                         | 19500-846-04                          | /276                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N2324A                     | 3A           | CHRC                                         | 19500-3706-13                         | /276                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N2324AS                    | 3A           | CDWR                                         | 19500-846-04                          | /276                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N2324AS                    | 3A           | CHRC                                         | 19500-3706-13                         | /276                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N2324S                     | 3A           | CDWR                                         | 19500-846-04                          | /276                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N2324S                     | 3A           | CHRC                                         | 19500-3706-13                         | /276                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 2N2326                      | 3A           | CHRC                                         | 19500-3706-13                         | /276                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N2326                      | 3A           | CDWR                                         | 19500-846-04                          | /276                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N2326A                     | 3A           | CHRC                                         | 19500-3706-13                         | /276                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N2326A                     | 3A           | CDWR                                         | 19500-846-04                          | /276                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N2326AS                    | 3A           | CHRC                                         | 19500-3706-13                         | /276                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N2326AS                    | 3A           | CDWR                                         | 19500-846-04                          | /276                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N2326S                     | 3A           | CDWR                                         | 19500-846-04                          | /276                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N2326S                     | 3A           | CHRC                                         | 19500-3706-13                         | /276                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N2328                      | 3A           | CDWR                                         | 19500-846-04                          | /276                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N2328                      | 3A           | CHRC                                         | 19500-3706-13                         | /276                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N2328A                     | 3A           | CHRC                                         | 19500-3706-13                         | /276                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N2328A                     | 3A           | CDWR                                         | 19500-846-04                          | /276                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N2328AS                    | 3A           | CHRC                                         | 19500-3706-13                         | /276                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N2328AS                    | 3A           | CDWR                                         | 19500-846-04                          | /276                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N2328S                     | 3A           | CHRC                                         | 19500-3706-13                         | /276                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N2328S                     | 3A           | CDWR                                         | 19500-846-04                          | /276                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N2329                      | 3A           | CHRC                                         | 19500-3706-13                         | /276                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N2329                      | 3A           | CDWR                                         | 19500-846-04                          | /276                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N2329A                     | 3A           | CDWR                                         | 19500-846-04                          | /276                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N2329A                     | 3A           | CHRC                                         | 19500-3706-13                         | /276                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N2329AS                    | 3A           | CDWR                                         | 19500-846-04                          | /276                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N2329AS                    | 3A           | CHRC                                         | 19500-3706-13                         | /276                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N2329S                     | 3A           | CHRC                                         | 19500-3706-13                         | /276                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N2329S                     | 3A           | CDWR                                         | 19500-846-04                          | /276                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| JANKCAF 2N2369A                |              | CDWR                                         | 19500-2381-08                         | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 2N2369A                 |              | CDWR                                         | 19500-1323-05                         | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2369A                     | 3A           | CEJJ                                         | 19500-093-99                          | /317                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCB 2N2369A                 | 3A           | CEJJ                                         | 19500-2805-10                         | /317                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANHCBF 2N2369A                | 3A           | CEJJ                                         | 19500-2946-10                         | /317                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCA 2N2369A                 |              | CDWR                                         | 19500-1323-05                         | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCB 2N2369A                 | 3A           | CEJJ                                         | 19500-2805-10                         | /317                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N2369A                     | 3A           | CEJJ                                         | 19500-2946-10                         | /317                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCBF 2N2369A                | 3A           | CEJJ                                         | 19500-2946-10                         | /317                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N2369A 6/                   | 3A           | CDWR                                         | 19500-1323-05                         | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2369A 6/                  | 3A           | CDWR                                         | 19500-075-96                          | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SF 2N2369A 6/                  | 3A           | CDWR                                         | 19500-2381-08                         | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2369AU 6/                  | 3A           | CDWR                                         | 19500-1323-05                         | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2369AU 6/                 | 3A           | CDWR                                         | 19500-075-96                          | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SF 2N2369AU 6/                 | 3A           | CDWR                                         | 19500-2381-08                         | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2369AUA 6/                | 3A           | CDWR                                         | 19500-075-96                          | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SF 2N2369AUA 6/                | 3A           | CDWR                                         | 19500-2381-08                         | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2369AUA 6/                 | 3A           | CDWR                                         | 19500-1323-05                         | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2369AUB                    | 3A           | CEJJ                                         | 19500-153-99                          | /317                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2369AUB                   | 3A           | CEJJ                                         | 19500-093-99                          | /317                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N2369AUB                   | 3A           | CEJJ                                         | 19500-2946-10                         | /317                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2369AUB 6/                | 3A           | CDWR                                         | 19500-075-96                          | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2369AUB 6/                 | 3A           | CDWR                                         | 19500-1323-05                         | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SF 2N2369AUB 6/                | 3A           | CDWR                                         | 19500-2381-08                         | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SF 2N2369AUBC                  | 3A           | CEJJ                                         | 19500-2946-10                         | /317                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N2369AUBC 6/                | 3A           | CDWR                                         | 19500-3715-13                         | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N2369AUBC 6/               | 3A           | CDWR                                         | 19500-3715-13                         | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2369AUBC 6/                | 3A           | CDWR                                         | 19500-2220-08                         | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SF 2N2369AUBC 6/               | 3A           | CDWR                                         | 19500-2381-08                         | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2432 6/                   | 3A           | CDWR                                         | 19500-1126-05                         | /313                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2432A 6/                  | 3A           | CDWR                                         | 19500-1126-05                         | /313                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2432AUB 6/                | 3A           | CDWR                                         | 19500-1126-05                         | /313                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2432UB 6/                 | 3A           | CDWR                                         | 19500-1126-05                         | /313                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                  |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|----------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                  |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)   |
| * 2N2481                       | 3A           | CDWR                                         | 19500-075-96                          | /268                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| JANKCB 2N2484                  |              | CEJJ                                         | 19500-2774-10                         | /376                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| SL 2N2484                      | 3A           | CEJJ                                         | 19500-122-01                          | /376                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N2484                       | 1C           | CDWR                                         | 19500-1967-07                         | /376                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| JANHCB 2N2484                  |              | CEJJ                                         | 19500-2774-10                         | /376                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| JANKCA 2N2484                  | 1C           | CDWR                                         | 19500-1967-07                         | /376                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N2484                      | 3A           | CEJJ                                         | 19500-235-99                          | /376                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N2484                      | 3A           | CDWR                                         | 19500-1126-05                         | /376                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N2484UA                    | 3A           | CDWR                                         | 19500-1126-05                         | /376                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N2484UA                     | 1C           | CDWR                                         | 19500-1967-07                         | /376                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N2484UB                    | 3A           | CDWR                                         | 19500-1126-05                         | /376                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SL 2N2484UB                    | 3A           | CEJJ                                         | 19500-122-01                          | /376                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N2484UB                     | 1C           | CDWR                                         | 19500-1967-07                         | /376                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N2484UB                    | 3A           | CEJJ                                         | 19500-122-01                          | /376                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N2484UBC                    | 1C           | CDWR                                         | 19500-2220-08                         | /376                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N2484UBC                    | 1C           | CDWR                                         | 19500-3715-13                         | /376                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SL 2N2484UBC                   | 3A           | CEJJ                                         | 19500-122-01                          | /376                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N2604                      | 3A           | CDWR                                         | 19500-186-97                          | /354                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N2604UB                    | 3A           | CDWR                                         | 19500-2431-09                         | /354                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N2605                      | 3A           | CDWR                                         | 19500-186-97                          | /354                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N2605                      | 3A           | CEJJ                                         | 19500-056-99                          | /354                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N2605UB                    | 3A           | CDWR                                         | 19500-2431-09                         | /354                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| JAN 2N2609 /4                  | 1B           | CDCD                                         | 19500-458-03                          | /296                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| * 2N2619A                      | NS           | CSES                                         | 19500-124-01                          | /168                 | D                            | 31338                                              | Semitronics Corporation          |
| ** 2N2812                      | 3A           | CDWR                                         | 19500-136-88                          | /415(US              | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N2814                      | 3A           | CDWR                                         | 19500-136-88                          | /415(US              | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SF 2N2857                      | 1C           | CEJJ                                         | 19500-2436-09                         | /343                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| JANKCF 2N2857                  | 1C           | CEJJ                                         | 19500-2436-09                         | /343                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| JANHCA 2N2857                  | 1C           | CEJJ                                         | 19500-1796-06                         | /343                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N2857                       | 1C           | CDWR                                         | 19500-3719-13                         | /343                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| JANHCF 2N2857                  | 1C           | CEJJ                                         | 19500-2436-09                         | /343                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N2857                       | 1C           | CEJJ                                         | 19500-249-91                          | /343                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N2857                      | 1C           | CEJJ                                         | 19500-249-91                          | /343                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| JANKCA 2N2857                  | 1C           | CEJJ                                         | 19500-1796-06                         | /343                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| 2N2857                         | 1C           | CDWR                                         | 19500-3419-12                         | /343                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SF 2N2857UB                    | 1C           | CEJJ                                         | 19500-3765-13                         | /343                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N2857UB                    | 1C           | CDWR                                         | 19500-3419-12                         | /343                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N2857UB                     | 1C           | CDWR                                         | 19500-3719-13                         | /343                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N2857UB                     | 1C           | CEJJ                                         | 19500-3765-13                         | /343                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N2857UB                    | 1C           | CEJJ                                         | 19500-3765-13                         | /343                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N2880                      | 3B           | CDWR                                         | 19500-2197-08                         | /315                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N2880 3/                   | NS           | CDCD                                         | 19500-1158-67                         | /315                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N2904                      | 3A           | CEJJ                                         | 19500-220-94                          | /290                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N2904                       | NS           | CDWR                                         | 19500-029-00                          | /290                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N2904                      | NS           | CDWR                                         | 19500-163-98                          | /290                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N2904A                     | 3A           | CEJJ                                         | 19500-220-94                          | /290                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N2904A 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /290                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N2904A 6/                   | 2            | CDWR                                         | 19500-3807-13                         | /290                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SR 2N2904A 6/                  | 2            | CDWR                                         | 19500-3897-13                         | /290                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N2904AL                    | 3A           | CEJJ                                         | 19500-220-94                          | /290                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N2904AL 6/                 | 2            | CDWR                                         | 19500-3807-13                         | /290                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SR 2N2904AL 6/                 | 2            | CDWR                                         | 19500-3807-13                         | /290                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N2904AL 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /290                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N2905                       | NS           | CDWR                                         | 19500-029-00                          | /290                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N2905                      | 3A           | CEJJ                                         | 19500-220-94                          | /290                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N2905                      | NS           | CDWR                                         | 19500-163-98                          | /290                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N2905A                     | 3A           | CEJJ                                         | 19500-220-94                          | /290                 | D                            | 34156                                              | Semicoa Corporation (1)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 2N2905A                      | 3A           | CEJJ                                         | 19500-682-92                          | /290                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N2905A                     | 3A           | CEJJ                                         | 19500-2293-08                         | /290                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2905A                     | 3B           | CONP                                         | 19500-3154-11                         | /290                 | D                            | 31471                                              | On Semiconductor (2)           |
| SR 2N2905A 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /290                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2905A 6/                   | 2            | CDWR                                         | 19500-3807-13                         | /290                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2905A 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /290                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SF 2N2905AL                    | 3A           | CEJJ                                         | 19500-2293-08                         | /290                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N2905AL                     | 3A           | CEJJ                                         | 19500-682-92                          | /290                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2905AL                    | 3A           | CEJJ                                         | 19500-220-94                          | /290                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N2905AL 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /290                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2905AL 6/                 | 2            | CDWR                                         | 19500-3807-13                         | /290                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N2905AL 6/                 | 2            | CDWR                                         | 19500-3807-13                         | /290                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SF 2N2906A                     | 3A           | CEJJ                                         | 19500-2274-08                         | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCBF 2N2906A                |              | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2906A                     | 3A           | CEJJ                                         | 19500-682-92                          | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N2906A                      | 3A           | CEJJ                                         | 19500-682-92                          | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCDF 2N2906A                | 3A           | CEJJ                                         | 19500-2274-08                         | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANHCDF 2N2906A                | 3A           | CEJJ                                         | 19500-2274-08                         | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCB 2N2906A                 |              | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCB 2N2906A                 |              | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SF 2N2906A 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2906A 6/                   | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2906A 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2906A 6/                  | 2            | CEJJ                                         | 19500-3811-13                         | /291                 | D                            | 34156                                              | Semicoa Corporation (3)        |
| SF 2N2906AL                    | 3A           | CEJJ                                         | 19500-2274-08                         | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2906AL                    | 3A           | CEJJ                                         | 19500-682-92                          | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N2906AL 6/                 | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2906AL 6/                 | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2906AL 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2906AL 6/                 | 2            | CEJJ                                         | 19500-3811-13                         | /291                 | D                            | 34156                                              | Semicoa Corporation (3)        |
| SF 2N2906AUA 6/                | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2906AUA 6/                 | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2906AUA 6/                | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2906AUB                   | 3A           | CEJJ                                         | 19500-427-92                          | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N2906AUB                   | 3A           | CEJJ                                         | 19500-2274-08                         | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N2906AUB                    | 3A           | CEJJ                                         | 19500-682-92                          | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N2906AUB 6/                | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2906AUB 6/                | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2906AUB 6/                 | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2906AUBC                   | 3A           | CEJJ                                         | 19500-2293-08                         | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N2906AUBC 6/               | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2906AUBC 6/                | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2906AUBC 6/               | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCB 2N2907A                 |              | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCD 2N2907A                 |              | CEJJ                                         | 19500-683-92                          | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCDF 2N2907A                | 3A           | CEJJ                                         | 19500-2274-08                         | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCBF 2N2907A                |              | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCB 2N2907A                 |              | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCD 2N2907A                 |              | CEJJ                                         | 19500-683-92                          | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2907A                     | 3B           | CONP                                         | 19500-3154-11                         | /291                 | D                            | 31471                                              | On Semiconductor (2)           |
| S 2N2907A                      | 3A           | CEJJ                                         | 19500-682-92                          | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANHCDF 2N2907A                | 3A           | CEJJ                                         | 19500-2274-08                         | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2907A                     | 3A           | CEJJ                                         | 19500-682-92                          | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N2907A                     | 3A           | CEJJ                                         | 19500-2274-08                         | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2907A 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2907A 6/                   | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2907A 6/                  | 2            | CEJJ                                         | 19500-3811-13                         | /291                 | D                            | 34156                                              | Semicoa Corporation (3)        |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| SF 2N2907A 6/                  | 2            | CDWR                                         | 19500-2171-08                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SF 2N2907AL                    | 3A           | CEJJ                                         | 19500-2274-08                         | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2907AL                    | 3A           | CEJJ                                         | 19500-682-92                          | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N2907AL 6/                 | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2907AL 6/                 | 2            | CEJJ                                         | 19500-3811-13                         | /291                 | D                            | 34156                                              | Semicoa Corporation (3)        |
| S 2N2907AL 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2907AL 6/                 | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2907AUA                   | 3A           | CEJJ                                         | 19500-3110-11                         | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N2907AUA                    | 3A           | CEJJ                                         | 19500-3263-11                         | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N2907AUA                   | 3A           | CEJJ                                         | 19500-3263-11                         | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N2907AUA 6/                 | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2907AUA 6/                | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SF 2N2907AUA 6/                | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2907AUB                   | 3A           | CEJJ                                         | 19500-427-92                          | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N2907AUB                   | 3A           | CEJJ                                         | 19500-2274-08                         | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N2907AUB                    | NS           | CSTM                                         | 19500-3316-11                         | /291                 | D                            | F8859                                              | STMicroelectronics (2)         |
| S 2N2907AUB                    | 3A           | CEJJ                                         | 19500-682-92                          | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N2907AUB 6/                | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2907AUB 6/                | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2907AUB 6/                 | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2907AUBC                   | 3A           | CEJJ                                         | 19500-2293-08                         | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N2907AUBC                  | 3A           | CEJJ                                         | 19500-2293-08                         | /291                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2907AUBC 6/               | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SF 2N2907AUBC 6/               | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2907AUBC 6/                | 2            | CDWR                                         | 19500-3807-13                         | /291                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2919                      | 3A           | CDWR                                         | 19500-195-97                          | /355                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2919                       | 1C           | CDWR                                         | 19500-1967-07                         | /355                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 2N2919                  |              | CDWR                                         | 19500-1967-07                         | /355                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2919L                      | 1C           | CDWR                                         | 19500-1967-07                         | /355                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2919L                     | 3A           | CDWR                                         | 19500-195-97                          | /355                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2919U                      | 1C           | CDWR                                         | 19500-1967-07                         | /355                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2919U                     | 3A           | CDWR                                         | 19500-195-97                          | /355                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2920                       | 3A           | CDWR                                         | 19500-1236-05                         | /355                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2920                      | 3A           | CDWR                                         | 19500-195-97                          | /355                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 2N2920                  |              | CDWR                                         | 19500-1967-07                         | /355                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2920L                     | 3A           | CDWR                                         | 19500-195-97                          | /355                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2920L                      | 3A           | CDWR                                         | 19500-1236-05                         | /355                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2920U                     | 3A           | CDWR                                         | 19500-195-97                          | /355                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N2920U                      | 3A           | CDWR                                         | 19500-1236-05                         | /355                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2944A                     | 3A           | CDWR                                         | 19500-3267-11                         | /382                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2944AUB                   | 3A           | CDWR                                         | 19500-3267-11                         | /382                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2945A                     | 3A           | CDWR                                         | 19500-3267-11                         | /382                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2945AUB                   | 3A           | CDWR                                         | 19500-3267-11                         | /382                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 2N2946A                 |              | CEJJ                                         | 19500-2834-10                         | /382                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2946A                     | 1A           | CEJJ                                         | 19500-705-03                          | /382                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SR 2N2946A                     | 1A           | CEJJ                                         | 19500-705-03                          | /382                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANHCA 2N2946A                 |              | CEJJ                                         | 19500-2834-10                         | /382                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N2946A                      | 1A           | CEJJ                                         | 19500-705-03                          | /382                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCAR 2N2946A                |              | CEJJ                                         | 19500-705-03                          | /382                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N2946A                     | 3A           | CDWR                                         | 19500-3267-11                         | /382                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N2946AUB                   | 3A           | CDWR                                         | 19500-3267-11                         | /382                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3019                      | 3B           | CONP                                         | 19500-3278-11                         | /391                 | D                            | 31471                                              | On Semiconductor (2)           |
| SR 2N3019                      | 3A           | CEJJ                                         | 19500-3054-11                         | /391                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCA 2N3019                  |              | CEJJ                                         | 19500-2931-10                         | /391                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANHCA 2N3019                  |              | CEJJ                                         | 19500-2931-10                         | /391                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3019                      | 3A           | CEJJ                                         | 19500-2931-10                         | /391                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3019                      | 3B           | CEJJ                                         | 19500-3823-13                         | /391                 | D                            | 34156                                              | Semicoa Corporation (3)        |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                  |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|----------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                  |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)   |
| JANKCAR 2N3019                 |              | CEJJ                                         | 19500-3054-11                         | /391                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N3019                       | 3A           | CEJJ                                         | 19500-2931-10                         | /391                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N3019 6/                    | 3A           | CDWR                                         | 19500-3794-13                         | /391                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3019 6/                   | 3A           | CDWR                                         | 19500-3794-13                         | /391                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SF 2N3019 6/                   | 3A           | CDWR                                         | 19500-3794-13                         | /391                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3019S                     | 3B           | CONP                                         | 19500-3278-11                         | /391                 | D                            | 31471                                              | On Semiconductor (2)             |
| ** 2N3019S                     | 3A           | CEJJ                                         | 19500-2931-10                         | /391                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3019S                     | 3B           | CEJJ                                         | 19500-3823-13                         | /391                 | D                            | 34156                                              | Semicoa Corporation (3)          |
| S 2N3019S                      | 3A           | CEJJ                                         | 19500-2931-10                         | /391                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| SR 2N3019S                     | 3A           | CEJJ                                         | 19500-3054-11                         | /391                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3019S 6/                  | 3A           | CDWR                                         | 19500-3794-13                         | /391                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3019S 6/                   | 3A           | CDWR                                         | 19500-3794-13                         | /391                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SF 2N3019S 6/                  | 3A           | CDWR                                         | 19500-3794-13                         | /391                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3055                      | 3A           | CDWR                                         | 19500-269-02                          | /407                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3055                      | NS           | CHRC                                         | 19500-3403-12                         | /407                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N3057A                     | 3A           | CEJJ                                         | 19500-2931-10                         | /391                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3057A                     | 3B           | CEJJ                                         | 19500-3823-13                         | /391                 | D                            | 34156                                              | Semicoa Corporation (3)          |
| S 2N3057A                      | 3A           | CEJJ                                         | 19500-2931-10                         | /391                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| SR 2N3057A                     | 3A           | CEJJ                                         | 19500-3054-11                         | /391                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3057A 6/                  | 3A           | CDWR                                         | 19500-3279-11                         | /391                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SF 2N3057A 6/                  | 3A           | CDWR                                         | 19500-3279-11                         | /391                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3057A 6/                   | 3A           | CDWR                                         | 19500-1888-07                         | /391                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| JANHCB 2N3227                  | 3A           | CEJJ                                         | 19500-2805-10                         | /317                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N3227                       | 3A           | CEJJ                                         | 19500-110-02                          | /317                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| JANKCB 2N3227                  | 3A           | CEJJ                                         | 19500-2805-10                         | /317                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3227                      | 3A           | CEJJ                                         | 19500-110-02                          | /317                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N3227UB                     | 3A           | CEJJ                                         | 19500-110-02                          | /317                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3227UB                    | 3A           | CEJJ                                         | 19500-110-02                          | /317                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3250A                     | 3A           | CDWR                                         | 19500-548-92                          | /323                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3250AUB                   | 3A           | CDWR                                         | 19500-2431-09                         | /323                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3251A                     | 3A           | CDWR                                         | 19500-548-92                          | /323                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3251AUB                   | 3A           | CDWR                                         | 19500-2431-09                         | /323                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3418                      | NS           | CHRC                                         | 19500-3593-12                         | /393                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N3418                      | 3B           | CDWR                                         | 19500-1840-07                         | /393                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| JANHCC 2N3418                  | 3B           | CDWR                                         | 19500-1840-07                         | /393                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3418 3/                   | NS           | CDCD                                         | 19500-60-76                           | /393                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N3418S                     | NS           | CHRC                                         | 19500-3593-12                         | /393                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N3418S                     | 3B           | CDWR                                         | 19500-1840-07                         | /393                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3418S 3/                  | NS           | CDCD                                         | 19500-60-76                           | /393                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N3418U4 1/                 | 3B           | CDWR                                         | 19500-3083-11                         | /393                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| JANHCC 2N3419                  | 3B           | CDWR                                         | 19500-1840-07                         | /393                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3419                      | 3B           | CDWR                                         | 19500-1840-07                         | /393                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3419                      | NS           | CHRC                                         | 19500-3593-12                         | /393                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N3419 3/                   | NS           | CDCD                                         | 19500-60-76                           | /393                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N3419S                     | NS           | CHRC                                         | 19500-3593-12                         | /393                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N3419S                     | 3B           | CDWR                                         | 19500-1840-07                         | /393                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3419S 3/                  | NS           | CDCD                                         | 19500-60-76                           | /393                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N3419U4 1/                 | 3B           | CDWR                                         | 19500-3083-11                         | /393                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3420                      | 3B           | CDWR                                         | 19500-1840-07                         | /393                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3420                      | NS           | CHRC                                         | 19500-3593-12                         | /393                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| JANHCC 2N3420                  | 3B           | CDWR                                         | 19500-1840-07                         | /393                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3420 3/                   | NS           | CDCD                                         | 19500-60-76                           | /393                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N3420S                     | NS           | CHRC                                         | 19500-3593-12                         | /393                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N3420S                     | 3B           | CDWR                                         | 19500-1840-07                         | /393                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3420S 3/                  | NS           | CDCD                                         | 19500-60-76                           | /393                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N3420U4 1/                 | 3B           | CDWR                                         | 19500-3083-11                         | /393                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3421                      | NS           | CHRC                                         | 19500-3593-12                         | /393                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                  |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|----------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                  |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)   |
| ** 2N3421                      | 3B           | CDWR                                         | 19500-1840-07                         | /393                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| JANHCC 2N3421                  | 3B           | CDWR                                         | 19500-1840-07                         | /393                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3421 3/                   | NS           | CDCD                                         | 19500-60-76                           | /393                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N3421S                     | 3B           | CDWR                                         | 19500-1840-07                         | /393                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3421S                     | NS           | CHRC                                         | 19500-3593-12                         | /393                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N3421S 3/                  | NS           | CDCD                                         | 19500-60-76                           | /393                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N3421U4 1/                 | 3B           | CDWR                                         | 19500-3083-11                         | /393                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| JANHCBR 2N3439                 |              | CDWR                                         | 19500-2642-09                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| JANKCBR 2N3439                 |              | CDWR                                         | 19500-2642-09                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3439 3/                   | NS           | CDCD                                         | 19500-229-76                          | /368                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| SR 2N3439 6/                   | NS           | CDWR                                         | 19500-2642-09                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3439 6/                    | NS           | CDWR                                         | 19500-1803-06                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3439 6/                   | NS           | CDWR                                         | 19500-2275-08                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3439L 3/                  | NS           | CDCD                                         | 19500-229-76                          | /368                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N3439L 6/                  | NS           | CDWR                                         | 19500-2275-08                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SR 2N3439L 6/                  | NS           | CDWR                                         | 19500-2642-09                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3439L 6/                   | NS           | CDWR                                         | 19500-1803-06                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3439U4 6/                 | NS           | CDWR                                         | 19500-3083-11                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SR 2N3439U4 6/                 | 3A           | CDWR                                         | 19500-3971-13                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3439U4 6/                  | 3A           | CDWR                                         | 19500-3971-13                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3439UA 6/                  | NS           | CDWR                                         | 19500-1803-06                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3439UA 6/                 | NS           | CDWR                                         | 19500-2275-08                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SR 2N3439UA 6/                 | NS           | CDWR                                         | 19500-2642-09                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| JANKCB 2N3440                  |              | CDWR                                         | 19500-1803-06                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| JANKCB 2N3440                  |              | CDWR                                         | 19500-2275-08                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3440 3/                   | NS           | CDCD                                         | 19500-229-76                          | /368                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N3440 6/                   | NS           | CDWR                                         | 19500-2275-08                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3440 6/                    | NS           | CDWR                                         | 19500-1803-06                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3440L 3/                  | NS           | CDCD                                         | 19500-229-76                          | /368                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| S 2N3440L 6/                   | NS           | CDWR                                         | 19500-1803-06                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3440L 6/                  | NS           | CDWR                                         | 19500-2275-08                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3440U4 6/                 | NS           | CDWR                                         | 19500-3083-11                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3440U4 6/                  | 3A           | CDWR                                         | 19500-3971-13                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SR 2N3440U4 6/                 | 3A           | CDWR                                         | 19500-3971-13                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3440U4 6/                  | 3A           | CDWR                                         |                                       | /368                 | D                            | 43611                                              |                                  |
| S 2N3440UA 6/                  | NS           | CDWR                                         | 19500-1803-06                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3440UA 6/                 | NS           | CDWR                                         | 19500-2275-08                         | /368                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| * 2N3441                       | 3A           | CDWR                                         | 19500-638-87                          | /369                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3442                      | NS           | CDWR                                         | 19500-680-90                          | /370                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SR 2N3450 6/                   | 3A           | CDWR                                         | 19500-2212-08                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SR 2N3450L 6/                  | 3A           | CDWR                                         | 19500-2212-08                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3467                      | 3A           | CDWR                                         | 19500-823-04                          | /348                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3467L                     | 3A           | CDWR                                         | 19500-823-04                          | /348                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3468                      | 3A           | CDWR                                         | 19500-823-04                          | /348                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3468L                     | 3A           | CDWR                                         | 19500-823-04                          | /348                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3485A                     | 3A           | CEJJ                                         | 19500-209-94                          | /392                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3485A 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /392                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3486A                     | 3A           | CEJJ                                         | 19500-209-94                          | /392                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3486A 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /392                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| JANKCCR 2N3498                 |              | CDWR                                         | 19500-2212-08                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3498 4/                   | NS           | CEJJ                                         | 19500-078-97                          | /366                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N3498 4/, 6/                | 3A           | CDWR                                         | 19500-1947-07                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3498 4/, 6/               | 3A           | CDWR                                         | 19500-1947-07                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SR 2N3498 6/                   | 3A           | CDWR                                         | 19500-2212-08                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3498L 4/                  | NS           | CEJJ                                         | 19500-078-97                          | /366                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3498L 4/, 6/              | 3A           | CDWR                                         | 19500-1947-07                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3498L 4/, 6/               | 3A           | CDWR                                         | 19500-1947-07                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)           |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| SR 2N3498L 6/                  | 3A           | CDWR                                         | 19500-2212-08                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3498U4 6/                 | 3A           | CDWR                                         | 19500-3083-11                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N3498U4 6/                 | 3A           | CDWR                                         | 19500-3971-13                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3498U4 6/                  | 3A           | CDWR                                         | 19500-3971-13                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCCR 2N3499                 |              | CDWR                                         | 19500-2212-08                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3499 4/                   | NS           | CEJJ                                         | 19500-078-97                          | /366                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N3499 4/ 6/                 | 3A           | CDWR                                         | 19500-1947-07                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3499 4/ 6/                | 3A           | CDWR                                         | 19500-1947-07                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N3499 6/                   | 3A           | CDWR                                         | 19500-2212-08                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3499L 4/                  | NS           | CEJJ                                         | 19500-078-97                          | /366                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3499L 4/ 6/               | 3A           | CDWR                                         | 19500-1947-07                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3499L 4/ 6/                | 3A           | CDWR                                         | 19500-1947-07                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N3499L 6/                  | 3A           | CDWR                                         | 19500-2212-08                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3499U4 6/                 | 3A           | CDWR                                         | 19500-3083-11                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N3499U4 6/                 | 3A           | CDWR                                         | 19500-3971-13                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3499U4 6/                  | 3A           | CDWR                                         | 19500-3971-13                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCCR 2N3500                 |              | CDWR                                         | 19500-2212-08                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3500 4/                   | NS           | CEJJ                                         | 19500-078-97                          | /366                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N3500 4/ 6/                 | 3A           | CDWR                                         | 19500-1947-07                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3500 4/ 6/                | 3A           | CDWR                                         | 19500-1947-07                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N3500 6/                   | 3A           | CDWR                                         | 19500-2212-08                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3500L 4/                  | NS           | CEJJ                                         | 19500-078-97                          | /366                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3500L 4/ 6/               | 3A           | CDWR                                         | 19500-1947-07                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3500L 4/ 6/                | 3A           | CDWR                                         | 19500-1947-07                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N3500L 6/                  | 3A           | CDWR                                         | 19500-2212-08                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3500U4 6/                  | 3A           | CDWR                                         | 19500-3971-13                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N3500U4 6/                 | 3A           | CDWR                                         | 19500-3971-13                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3500U4 6/                 | 3A           | CDWR                                         | 19500-3083-11                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3501                      | NS           | CEJJ                                         | 19500-078-97                          | /366                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCCR 2N3501                 |              | CDWR                                         | 19500-2212-08                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3501                       | NS           | CEJJ                                         | 19500-245-97                          | /366                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCB 2N3501                  |              | CEJJ                                         | 19500-394-03                          | /366                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANHCB 2N3501                  |              | CEJJ                                         | 19500-394-03                          | /366                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3501 6/                   | 3A           | CDWR                                         | 19500-1947-07                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N3501 6/                   | 3A           | CDWR                                         | 19500-2212-08                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3501 6/                    | 3A           | CDWR                                         | 19500-1947-07                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3501L                     | NS           | CEJJ                                         | 19500-078-97                          | /366                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N3501L                      | NS           | CEJJ                                         | 19500-245-97                          | /366                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N3501L 6/                   | 3A           | CDWR                                         | 19500-1947-07                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3501L 6/                  | 3A           | CDWR                                         | 19500-1947-07                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N3501L 6/                  | 3A           | CDWR                                         | 19500-2212-08                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3501U4 6/                  | 3A           | CDWR                                         | 19500-3971-13                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N3501U4 6/                 | 3A           | CDWR                                         | 19500-3971-13                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3501U4 6/                 | 3A           | CDWR                                         | 19500-3083-11                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3501UB                     | NS           | CEJJ                                         | 19500-245-97                          | /366                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3501UB                    | NS           | CEJJ                                         | 19500-078-97                          | /366                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SR 2N3501UB 6/                 | 3A           | CDWR                                         | 19500-2212-08                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3501UB 6/                  | 3A           | CDWR                                         | 19500-1947-07                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3501UB 6/                 | 3A           | CDWR                                         | 19500-1947-07                         | /366                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3506                      | 3A           | CEJJ                                         | 19500-088-99                          | /349                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3506                      | NS           | CDWR                                         | 19500-1677-06                         | /349                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3506                       | 3A           | CEJJ                                         | 19500-088-99                          | /349                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N3506A                      | 3A           | CEJJ                                         | 19500-088-99                          | /349                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3506A                     | NS           | CDWR                                         | 19500-1677-06                         | /349                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3506A                     | 3A           | CEJJ                                         | 19500-088-99                          | /349                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3506AL                    | 3A           | CEJJ                                         | 19500-088-99                          | /349                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3506AL                    | NS           | CDWR                                         | 19500-1677-06                         | /349                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 2N3506AL                     | 3A           | CEJJ                                         | 19500-088-99                          | /349                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3506AU4                   | 3B           | CDWR                                         | 19500-3083-11                         | /349                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3506L                     | NS           | CDWR                                         | 19500-1677-06                         | /349                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3506L                     | 3A           | CEJJ                                         | 19500-088-99                          | /349                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N3506L                      | 3A           | CEJJ                                         | 19500-088-99                          | /349                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3506U4                    | 3B           | CDWR                                         | 19500-3083-11                         | /349                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3507                      | NS           | CDWR                                         | 19500-1677-06                         | /349                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3507                       | 3A           | CEJJ                                         | 19500-088-99                          | /349                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3507                      | 3A           | CEJJ                                         | 19500-088-99                          | /349                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3507A                     | 3A           | CEJJ                                         | 19500-088-99                          | /349                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N3507A                      | 3A           | CEJJ                                         | 19500-088-99                          | /349                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3507A                     | NS           | CDWR                                         | 19500-1677-06                         | /349                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3507AL                    | 3A           | CEJJ                                         | 19500-088-99                          | /349                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N3507AL                     | 3A           | CEJJ                                         | 19500-088-99                          | /349                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3507AL                    | NS           | CDWR                                         | 19500-1677-06                         | /349                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3507AU4                   | 3B           | CDWR                                         | 19500-3083-11                         | /349                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3507L                     | 3A           | CEJJ                                         | 19500-088-99                          | /349                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3507L                     | NS           | CDWR                                         | 19500-1677-06                         | /349                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3507L                      | 3A           | CEJJ                                         | 19500-088-99                          | /349                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3507U4                    | 3B           | CDWR                                         | 19500-3083-11                         | /349                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3584                      | NS           | CDWR                                         | 19500-434-03                          | /384                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N3585                      | NS           | CDWR                                         | 19500-434-03                          | /384                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| JANKCAR 2N3634                 | 3B           | CDWR                                         | 19500-2263-08                         | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3634                       | 3B           | CDWR                                         | 19500-103-00                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3634                      | 3B           | CDWR                                         | 19500-190-96                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 2N3634                  |              | CDWR                                         | 19500-970-04                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 2N3634                  |              | CDWR                                         | 19500-970-04                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N3634                      | 3B           | CDWR                                         | 19500-2263-08                         | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3634 6/                    | 2            | CEJJ                                         | 19500-3878-13                         | /357                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3634 6/                   | 2            | CEJJ                                         | 19500-3700-13                         | /357                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3634 6/                   | 1C           | CONP                                         | 19500-3641-12                         | /357                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 2N3634L                     | 3B           | CDWR                                         | 19500-190-96                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N3634L                     | 3B           | CDWR                                         | 19500-2263-08                         | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3634L                      | 3B           | CDWR                                         | 19500-103-00                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3634L 6/                  | 1C           | CONP                                         | 19500-3641-12                         | /357                 | D                            | 31471                                              | On Semiconductor (2)           |
| S 2N3634L 6/                   | 2            | CEJJ                                         | 19500-3878-13                         | /357                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3634L 6/                  | 2            | CEJJ                                         | 19500-3700-13                         | /357                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SR 2N3634UB                    | 3B           | CDWR                                         | 19500-2263-08                         | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3634UB                    | 3B           | CDWR                                         | 19500-971-04                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3634UB                     | 3B           | CDWR                                         | 19500-971-04                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 2N3635                  |              | CDWR                                         | 19500-970-04                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N3635                      | 3B           | CDWR                                         | 19500-2263-08                         | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 2N3635                  |              | CDWR                                         | 19500-970-04                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCAR 2N3635                 | 3B           | CDWR                                         | 19500-2263-08                         | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3635                       | 3B           | CDWR                                         | 19500-103-00                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3635                      | 3B           | CDWR                                         | 19500-190-96                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3635 6/                   | 1C           | CONP                                         | 19500-3641-12                         | /357                 | D                            | 31471                                              | On Semiconductor (2)           |
| S 2N3635 6/                    | 2            | CEJJ                                         | 19500-3878-13                         | /357                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3635 6/                   | 2            | CEJJ                                         | 19500-3700-13                         | /357                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SR 2N3635L                     | 3B           | CDWR                                         | 19500-2263-08                         | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3635L                      | 3B           | CDWR                                         | 19500-103-00                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3635L                     | 3B           | CDWR                                         | 19500-190-96                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3635L 6/                  | 2            | CEJJ                                         | 19500-3700-13                         | /357                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3635L 6/                  | 1C           | CONP                                         | 19500-3641-12                         | /357                 | D                            | 31471                                              | On Semiconductor (2)           |
| S 2N3635L 6/                   | 2            | CEJJ                                         | 19500-3878-13                         | /357                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SR 2N3635UB                    | 3B           | CDWR                                         | 19500-2263-08                         | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3635UB                     | 3B           | CDWR                                         | 19500-971-04                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 2N3635UB                    | 3B           | CDWR                                         | 19500-971-04                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 2N3636                  |              | CDWR                                         | 19500-970-04                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 2N3636                  |              | CDWR                                         | 19500-970-04                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCAR 2N3636                 | 3B           | CDWR                                         | 19500-2263-08                         | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3636                       | 3B           | CDWR                                         | 19500-103-00                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3636                      | 3B           | CDWR                                         | 19500-190-96                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N3636                      | 3B           | CDWR                                         | 19500-2263-08                         | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3636 6/                    | 2            | CEJJ                                         | 19500-3878-13                         | /357                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3636 6/                   | 2            | CEJJ                                         | 19500-3700-13                         | /357                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3636 6/                   | 1C           | CONP                                         | 19500-3641-12                         | /357                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 2N3636L                     | 3B           | CDWR                                         | 19500-190-96                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N3636L                     | 3B           | CDWR                                         | 19500-2263-08                         | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3636L                      | 3B           | CDWR                                         | 19500-103-00                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3636L 6/                  | 1C           | CONP                                         | 19500-3641-12                         | /357                 | D                            | 31471                                              | On Semiconductor (2)           |
| S 2N3636L 6/                   | 2            | CEJJ                                         | 19500-3878-13                         | /357                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3636L 6/                  | 2            | CEJJ                                         | 19500-3700-13                         | /357                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N3636UB                     | 3B           | CDWR                                         | 19500-971-04                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N3636UB                    | 3B           | CDWR                                         | 19500-2263-08                         | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3636UB                    | 3B           | CDWR                                         | 19500-971-04                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 2N3637                  |              | CDWR                                         | 19500-970-04                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3637                      | 3B           | CDWR                                         | 19500-190-96                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCAR 2N3637                 | 3B           | CDWR                                         | 19500-2263-08                         | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N3637                      | 3B           | CDWR                                         | 19500-2263-08                         | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 2N3637                  |              | CDWR                                         | 19500-970-04                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3637                       | 3B           | CDWR                                         | 19500-103-00                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3637 6/                   | 2            | CEJJ                                         | 19500-3700-13                         | /357                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3637 6/                   | 1C           | CONP                                         | 19500-3641-12                         | /357                 | D                            | 31471                                              | On Semiconductor (2)           |
| S 2N3637 6/                    | 2            | CEJJ                                         | 19500-3878-13                         | /357                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3637L                     | 3B           | CDWR                                         | 19500-190-96                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N3637L                     | 3B           | CDWR                                         | 19500-2263-08                         | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3637L                      | 3B           | CDWR                                         | 19500-103-00                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3637L 6/                   | 2            | CEJJ                                         | 19500-3878-13                         | /357                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3637L 6/                  | 1C           | CONP                                         | 19500-3641-12                         | /357                 | D                            | 31471                                              | On Semiconductor (2)           |
| ** 2N3637L 6/                  | 2            | CEJJ                                         | 19500-3700-13                         | /357                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SR 2N3637UB                    | 3B           | CDWR                                         | 19500-2263-08                         | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3637UB                    | 3B           | CDWR                                         | 19500-971-04                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3637UB                     | 3B           | CDWR                                         | 19500-971-04                          | /357                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3700                      | 3A           | CEJJ                                         | 19500-2931-10                         | /391                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCA 2N3700                  |              | CEJJ                                         | 19500-2931-10                         | /391                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANHCA 2N3700                  |              | CEJJ                                         | 19500-2931-10                         | /391                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N3700                       | 3A           | CEJJ                                         | 19500-2931-10                         | /391                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANHCB 2N3700                  |              | CDWR                                         | 19500-3279-11                         | /391                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3700                      | 3B           | CONP                                         | 19500-3278-11                         | /391                 | D                            | 31471                                              | On Semiconductor               |
| ** 2N3700                      | 3B           | CEJJ                                         | 19500-3823-13                         | /391                 | D                            | 34156                                              | Semicoa Corporation (3)        |
| JANKCAR 2N3700                 |              | CEJJ                                         | 19500-3054-11                         | /391                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCB 2N3700                  |              | CDWR                                         | 19500-1888-07                         | /391                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N3700                      | 3A           | CEJJ                                         | 19500-3054-11                         | /391                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCBF 2N3700                 |              | CDWR                                         | 19500-3279-11                         | /391                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3700 6/                   | 3A           | CDWR                                         | 19500-3279-11                         | /391                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SF 2N3700 6/                   | 3A           | CDWR                                         | 19500-3279-11                         | /391                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3700 6/                    | 3A           | CDWR                                         | 19500-1888-07                         | /391                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3700UB                    | 3A           | CEJJ                                         | 19500-2931-10                         | /391                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SR 2N3700UB                    | 3A           | CEJJ                                         | 19500-3054-11                         | /391                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SR 2N3700UB                    | 3B           | CSTM                                         | 19500-3820-13                         | /391                 | D                            | F8859                                              | STMicroelectronics (2)         |
| S 2N3700UB                     | 3A           | CEJJ                                         | 19500-2931-10                         | /391                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N3700UB 6/                 | 3A           | CDWR                                         | 19500-3279-11                         | /391                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3700UB 6/                  | 3A           | CDWR                                         | 19500-1888-07                         | /391                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                  |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|----------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                  |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)   |
| ** 2N3700UB 6/                 | 3A           | CDWR                                         | 19500-3279-11                         | /391                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3715                      | 3A           | CDWR                                         | 19500-269-02                          | /408                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3715                      | NS           | CHRC                                         | 19500-3403-12                         | /408                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N3716                      | NS           | CHRC                                         | 19500-3403-12                         | /408                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N3716                      | 3A           | CDWR                                         | 19500-544-91                          | /408                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3724                      | 3A           | CDWR                                         | 19500-1937-07                         | /728                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3724L                     | 3A           | CDWR                                         | 19500-1937-07                         | /728                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3724UB                    | 3A           | CDWR                                         | 19500-1937-07                         | /728                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3725                      | 3A           | CDWR                                         | 19500-1937-07                         | /728                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3725L                     | 3A           | CDWR                                         | 19500-1937-07                         | /728                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3725UB                    | 3A           | CDWR                                         | 19500-1937-07                         | /728                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3735                      | 3A           | CDWR                                         | 19500-1937-07                         | /395                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3735                       | 3B           | CEJJ                                         | 19500-036-00                          | /395                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3735                      | 3B           | CEJJ                                         | 19500-028-00                          | /395                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| SF 2N3735                      | 3B           | CEJJ                                         | 19500-036-00                          | /395                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N3735 3/                    | NS           | CDWR                                         | 19500-2842-10                         | /395                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| ** 2N3735L                     | 3B           | CEJJ                                         | 19500-028-00                          | /395                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| SF 2N3735L                     | 3B           | CEJJ                                         | 19500-036-00                          | /395                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3735L                     | 3A           | CDWR                                         | 19500-1937-07                         | /395                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3735L                      | 3B           | CEJJ                                         | 19500-036-00                          | /395                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N3735L 3/                   | NS           | CDWR                                         | 19500-2842-10                         | /395                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| ** 2N3737                      | 3B           | CEJJ                                         | 19500-028-00                          | /395                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| SF 2N3737                      | 3B           | CEJJ                                         | 19500-036-00                          | /395                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3737                      | 3A           | CDWR                                         | 19500-1937-07                         | /395                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3737                       | 3B           | CEJJ                                         | 19500-036-00                          | /395                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N3737 3/                    | NS           | CDWR                                         | 19500-2842-10                         | /395                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| S 2N3737UB                     | 3B           | CEJJ                                         | 19500-036-00                          | /395                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3737UB                    | 3A           | CDWR                                         | 19500-1937-07                         | /395                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3737UB                    | 3B           | CEJJ                                         | 19500-028-00                          | /395                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| SF 2N3737UB                    | 3B           | CEJJ                                         | 19500-036-00                          | /395                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N3737UB 3/                  | NS           | CDWR                                         | 19500-2842-10                         | /395                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| ** 2N3739                      | 3A           | CDWR                                         | 19500-476-90                          | /402                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3740                       | 3A           | CDWR                                         | 19500-1822-07                         | /441                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3740                      | 3A           | CDWR                                         | 19500-154-01                          | /441                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3740                      | NS           | CHRC                                         | 19500-3714-13                         | /441                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N3740 3/                   | NS           | CDCD                                         | 19500-291-80                          | /441                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N3740U4 1/                 | 3B           | CDWR                                         | 19500-3083-11                         | /441                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| S 2N3740U4 6/                  | 3A           | CDWR                                         | 19500-3971-13                         | /441                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3741                       | 3A           | CDWR                                         | 19500-1822-07                         | /441                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3741                      | 3A           | CDWR                                         | 19500-154-01                          | /441                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3741                      | NS           | CHRC                                         | 19500-3714-13                         | /441                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N3741 3/                   | NS           | CDCD                                         | 19500-291-80                          | /441                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N3741U4 1/                 | 3B           | CDWR                                         | 19500-3083-11                         | /441                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| S 2N3741U4 6/                  | 3A           | CDWR                                         | 19500-3971-13                         | /441                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3743                      | 3A           | CDWR                                         | 19500-101-98                          | /397                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3743U4                    | 3B           | CDWR                                         | 19500-3083-11                         | /397                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3749                      | 3B           | CDWR                                         | 19500-2197-08                         | /315                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3749 3/                   | NS           | CDCD                                         | 19500-1158-67                         | /315                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| S 2N3762                       | NS           | CDWR                                         | 19500-3103-11                         | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3762                      | NS           | CDWR                                         | 19500-064-95                          | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3762L                      | NS           | CDWR                                         | 19500-3103-11                         | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3762L                     | NS           | CDWR                                         | 19500-064-95                          | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3762U4                    | 3B           | CDWR                                         | 19500-3083-11                         | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3762U4                     | NS           | CDWR                                         | 19500-3103-11                         | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3762U4 6/                  | 3A           | CDWR                                         | 19500-3971-13                         | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3762UA                     | NS           | CDWR                                         | 19500-3103-11                         | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3763                       | NS           | CDWR                                         | 19500-3103-11                         | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)           |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| ** 2N3763                      | NS           | CDWR                                         | 19500-064-95                          | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3763L                      | NS           | CDWR                                         | 19500-3103-11                         | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3763L                     | NS           | CDWR                                         | 19500-064-95                          | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3763U4                    | 3B           | CDWR                                         | 19500-3083-11                         | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3763U4                     | NS           | CDWR                                         | 19500-3103-11                         | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3763U4 6/                  | 3A           | CDWR                                         | 19500-3971-13                         | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3763UA                     | NS           | CDWR                                         | 19500-3103-11                         | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3764                      | NS           | CDWR                                         | 19500-065-95                          | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3764                       | NS           | CDWR                                         | 19500-3103-11                         | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3764L                      | NS           | CDWR                                         | 19500-3103-11                         | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3764U4                     | NS           | CDWR                                         | 19500-3103-11                         | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3764U4 6/                  | 3A           | CDWR                                         | 19500-3971-13                         | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3764UA                     | NS           | CDWR                                         | 19500-3103-11                         | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3765                      | NS           | CDWR                                         | 19500-065-95                          | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCA 2N3765                  | NS           | CDWR                                         | 19500-3103-11                         | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3765                       | NS           | CDWR                                         | 19500-3103-11                         | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCA 2N3765                  | NS           | CDWR                                         | 19500-3103-11                         | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3765U4 6/                  | 3A           | CDWR                                         | 19500-3971-13                         | /396                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3766                      | 3B           | CDWR                                         | 19500-1840-07                         | /518                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N3766                      | NS           | CHRC                                         | 19500-3593-12                         | /518                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N3767                      | 3B           | CDWR                                         | 19500-1840-07                         | /518                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N3767                      | NS           | CHRC                                         | 19500-3593-12                         | /518                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N3771                      | 3A           | CDWR                                         | 19500-1861-07                         | /413                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3772                      | 3A           | CDWR                                         | 19500-1861-07                         | /413                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3791                      | 3B           | CDWR                                         | 19500-2728-10                         | /379                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3792                      | 3B           | CDWR                                         | 19500-2728-10                         | /379                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3792                      | NS           | CHRC                                         | 19500-3499-12                         | /379                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N3810                      | 3A           | CEJJ                                         | 19500-033-00                          | /336                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N3810                      | 2            | CDWR                                         | 19500-2622-09                         | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCBR 2N3810                 |              | CEJJ                                         | 19500-033-00                          | /336                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCAF 2N3810                 | 2            | CDWR                                         | 19500-2622-09                         | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCB 2N3810                  | 2            | CDWR                                         | 19500-2581-09                         | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3810                      | 2            | CDWR                                         | 19500-186-97                          | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SR 2N3810                      | 3A           | CEJJ                                         | 19500-033-00                          | /336                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N3810                       | 2            | CDWR                                         | 19500-2581-09                         | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCBR 2N3810                 |              | CEJJ                                         | 19500-033-00                          | /336                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3810L                     | 3A           | CEJJ                                         | 19500-033-00                          | /336                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SR 2N3810L                     | 3A           | CEJJ                                         | 19500-033-00                          | /336                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N3810L                     | 2            | CDWR                                         | 19500-2622-09                         | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3810L                      | 2            | CDWR                                         | 19500-2581-09                         | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3810L                     | 2            | CDWR                                         | 19500-186-97                          | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SF 2N3810U                     | 2            | CDWR                                         | 19500-2622-09                         | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3810U                     | 2            | CDWR                                         | 19500-186-97                          | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3810U                     | 3A           | CEJJ                                         | 19500-564-03                          | /336                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N3810U                      | 2            | CDWR                                         | 19500-2581-09                         | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCB 2N3811                  | 2            | CDWR                                         | 19500-2581-09                         | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3811                       | 3A           | CEJJ                                         | 19500-033-00                          | /336                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCAF 2N3811                 | 2            | CDWR                                         | 19500-2622-09                         | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKC 2N3811                   | 2            | CDWR                                         | 19500-2581-09                         | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3811                      | 2            | CDWR                                         | 19500-186-97                          | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCB 2N3811                  |              | CEJJ                                         | 19500-175-99                          | /336                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N3811                      | 3A           | CEJJ                                         | 19500-033-00                          | /336                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N3811                      | 2            | CDWR                                         | 19500-2622-09                         | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N3811                       | 2            | CDWR                                         | 19500-2581-09                         | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3811L                     | 2            | CDWR                                         | 19500-186-97                          | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N3811L                     | 3A           | CEJJ                                         | 19500-033-00                          | /336                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N3811L                     | 2            | CDWR                                         | 19500-2622-09                         | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)         |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                  |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|----------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                  |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)   |
| S 2N3811L                      | 2            | CDWR                                         | 19500-2581-09                         | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3811L                      | 3A           | CEJJ                                         | 19500-033-00                          | /336                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3811U                     | 3A           | CEJJ                                         | 19500-564-03                          | /336                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| SF 2N3811U                     | 2            | CDWR                                         | 19500-2622-09                         | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3811U                      | 2            | CDWR                                         | 19500-2581-09                         | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3811U                     | 2            | CDWR                                         | 19500-186-97                          | /336                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3821                      | 1C           | CDCD                                         | 19500-561-03                          | /375                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ** 2N3822                      | 1C           | CDCD                                         | 19500-561-03                          | /375                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ** 2N3838                      | 3A           | CDWR                                         | 19500-370-95                          | /421                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| * 2N3846 3/                    | NS           | CDCD                                         | 19500-459-78                          | /412                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| * 2N3847 3/                    | NS           | CDCD                                         | 19500-459-78                          | /412                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N3866                      | 1A           | CEJJ                                         | 19500-008-01                          | /398                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| JANHCAF 2N3866                 |              | CEJJ                                         | 19500-008-01                          | /398                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| SF 2N3866                      | 3A           | CEJJ                                         | 19500-008-01                          | /398                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| JANKCAF 2N3866                 |              | CEJJ                                         | 19500-008-01                          | /398                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3866 3/                   | 3B           | CDWR                                         | 19500-2824-10                         | /398                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| S 2N3866 3/                    | 3B           | CDWR                                         | 19500-2824-10                         | /398                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| JANHCAF 2N3866A                |              | CEJJ                                         | 19500-008-01                          | /398                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| JANKCAF 2N3866A                |              | CEJJ                                         | 19500-008-01                          | /398                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3866A                     | 1A           | CEJJ                                         | 19500-008-01                          | /398                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| SF 2N3866A                     | 3A           | CEJJ                                         | 19500-008-01                          | /398                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3866A 3/                  | 3B           | CDWR                                         | 19500-2824-10                         | /398                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| S 2N3866A 3/                   | 3B           | CDWR                                         | 19500-2824-10                         | /398                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| ** 2N3866AUB                   | 3A           | CEJJ                                         | 19500-008-01                          | /398                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| SF 2N3866AUB                   | 3A           | CEJJ                                         | 19500-008-01                          | /398                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3866AUB 3/                | 3B           | CDWR                                         | 19500-2824-10                         | /398                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| S 2N3866AUB 3/                 | 3B           | CDWR                                         | 19500-2824-10                         | /398                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| SF 2N3866UB                    | 3A           | CEJJ                                         | 19500-008-01                          | /398                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3866UB                    | 3A           | CEJJ                                         | 19500-008-01                          | /398                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3866UB 3/                 | 3B           | CDWR                                         | 19500-2824-10                         | /398                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| S 2N3866UB 3/                  | 3B           | CDWR                                         | 19500-2824-10                         | /398                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| S 2N3867                       | 3A           | CDWR                                         | 19500-632-03                          | /350                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3867                      | 3A           | CDWR                                         | 19500-2863-10                         | /350                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3867S                     | 3A           | CDWR                                         | 19500-2863-10                         | /350                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3867S                      | 3A           | CDWR                                         | 19500-632-03                          | /350                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3867U4                    | 3B           | CDWR                                         | 19500-3083-11                         | /350                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3867U4 6/                  | 3A           | CDWR                                         | 19500-3971-13                         | /350                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3868                       | 3A           | CDWR                                         | 19500-632-03                          | /350                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3868                      | 3A           | CDWR                                         | 19500-2863-10                         | /350                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3868S                     | 3A           | CDWR                                         | 19500-2863-10                         | /350                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3868S                      | 3A           | CDWR                                         | 19500-632-03                          | /350                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3868U4                    | 3B           | CDWR                                         | 19500-3083-11                         | /350                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N3868U4 6/                  | 3A           | CDWR                                         | 19500-3971-13                         | /350                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3879                      | NS           | CHRC                                         | 19500-3593-12                         | /526                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N3879 6/                   | NS           | CDWR                                         | 19500-2009-07                         | /526                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3902                      | 3A           | CDWR                                         | 19500-087-02                          | /371                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| * 2N3902                       | NS           | CDCD                                         | 19500-1587-06                         | /371                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ** 2N3902                      | NS           | CHRC                                         | 19500-3610-12                         | /371                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N3960                      | 1A           | CEJJ                                         | 19500-168-92                          | /399                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3960                      | 1C           | CEJJ                                         | 19500-3394-12                         | /399                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3960 3/                   | 2            | CDWR                                         | 19500-2786-10                         | /399                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| ** 2N3960UB                    | 1C           | CEJJ                                         | 19500-3394-12                         | /399                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3960UB                    | 1A           | CEJJ                                         | 19500-168-92                          | /399                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3960UB 3/                 | 2            | CDWR                                         | 19500-2786-10                         | /399                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| ** 2N3996                      | 3B           | CDWR                                         | 19500-2197-08                         | /374                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3996                      | 3            | CDWR                                         | 19500-1041-04                         | /374                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3996                      | NS           | CDCD                                         | 19500-2204-08                         | /374                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                  |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|----------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                  |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)   |
| ** 2N3996                      | 3A           | CEJJ                                         | 19500-1025-87                         | /374                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3997                      | 3A           | CEJJ                                         | 19500-1025-87                         | /374                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3997                      | 3B           | CDWR                                         | 19500-2197-08                         | /374                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3997                      | 3            | CDWR                                         | 19500-1041-04                         | /374                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3997                      | NS           | CDCD                                         | 19500-2204-08                         | /374                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ** 2N3998                      | 3            | CDWR                                         | 19500-061-94                          | /374                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N3998                      | 3A           | CEJJ                                         | 19500-1025-87                         | /374                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3998                      | NS           | CDCD                                         | 19500-836-76                          | /374                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ** 2N3998                      | 3B           | CDWR                                         | 19500-2197-08                         | /374                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3999                      | 3A           | CEJJ                                         | 19500-1025-87                         | /374                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N3999                      | NS           | CDCD                                         | 19500-836-76                          | /374                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ** 2N3999                      | 3B           | CDWR                                         | 19500-2197-08                         | /374                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N3999                      | 3            | CDWR                                         | 19500-061-94                          | /374                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N4029                       | 3B           | CDWR                                         | 19500-1951-07                         | /512                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N4029                      | 3A           | CEJJ                                         | 19500-182-97                          | /512                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| SF 2N4029                      | 3A           | CEJJ                                         | 19500-3785-13                         | /512                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N4029                      | 3B           | CDWR                                         | 19500-1951-07                         | /512                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N4029 6/                   | NS           | CONP                                         | 19500-3960-13                         | /512                 | D                            | 31471                                              | On Semiconductor (2)             |
| JANHCAF 2N4033                 |              | CEJJ                                         | 19500-3785-13                         | /512                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N4033                      | 3A           | CEJJ                                         | 19500-182-97                          | /512                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| JANKCB 2N4033                  | N/A          | CDWR                                         | 19500-1951-07                         | /512                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SF 2N4033                      | 3A           | CEJJ                                         | 19500-3785-13                         | /512                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N4033                      | NS           | CONP                                         | 19599-3743-13                         | /512                 | D                            | 31471                                              | On Semiconductor (2)             |
| JANKCAF 2N4033                 |              | CEJJ                                         | 19500-3785-13                         | /512                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N4033                       | 3B           | CDWR                                         | 19500-1951-07                         | /512                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| JANHCB 2N4033                  | N/A          | CDWR                                         | 19500-1951-07                         | /512                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N4033                      | 3B           | CDWR                                         | 19500-1951-07                         | /512                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N4033UA                    | 3B           | CDWR                                         | 19500-1951-07                         | /512                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N4033UA                     | 3B           | CDWR                                         | 19500-1951-07                         | /512                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N4033UB                    | 3A           | CEJJ                                         | 19500-182-97                          | /512                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N4033UB                    | 3B           | CDWR                                         | 19500-1951-07                         | /512                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N4033UB                     | 3B           | CDWR                                         | 19500-1951-07                         | /512                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SF 2N4033UB                    | 3A           | CEJJ                                         | 19500-3785-13                         | /512                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N4150                      | NS           | CHRC                                         | 19500-3529-12                         | /394                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| JANKCA 2N4150                  |              | CDWR                                         | 19500-1931-07                         | /394                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N4150                      | 3A           | CEJJ                                         | 19500-494-90                          | /394                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| JANHCA 2N4150                  |              | CDWR                                         | 19500-1718-06                         | /394                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N4150 3/                   | NS           | CDCD                                         | 19500-60-76                           | /394                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N4150 6/                   | NS           | CDWR                                         | 19500-1792-06                         | /394                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N4150 6/                    | NS           | CDWR                                         | 19500-1931-07                         | /394                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N4150S                     | 3A           | CEJJ                                         | 19500-494-90                          | /394                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N4150S                     | NS           | CHRC                                         | 19500-3529-12                         | /394                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| S 2N4150S 6/                   | NS           | CDWR                                         | 19500-1931-07                         | /394                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N4150S 6/                  | NS           | CDWR                                         | 19500-1792-06                         | /394                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N4234                      | 3A           | CDWR                                         | 19500-154-01                          | /580                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N4234                      | NS           | CHRC                                         | 19500-3714-13                         | /580                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N4235                      | 3A           | CDWR                                         | 19500-154-01                          | /580                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N4235                      | NS           | CHRC                                         | 19500-3714-13                         | /580                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N4236                      | NS           | CHRC                                         | 19500-3714-13                         | /580                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N4236                      | 3A           | CDWR                                         | 19500-154-01                          | /580                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N4237                      | NS           | CDWR                                         | 19500-2534-09                         | /581                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N4237                      | NS           | CHRC                                         | 19500-3593-12                         | /581                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ++ 2N4237                      | 3            | CDWR                                         | 19500-638-87                          | /581                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N4238                      | NS           | CDWR                                         | 19500-2534-09                         | /581                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ++ 2N4238                      | 3            | CDWR                                         | 19500-638-87                          | /581                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N4238                      | NS           | CHRC                                         | 19500-3593-12                         | /581                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ++ 2N4239                      | 3            | CDWR                                         | 19500-638-87                          | /581                 | D                            | 43611                                              | Microsemi Lawrence (1)           |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                  |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|----------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                  |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)   |
| ** 2N4239                      | NS           | CHRC                                         | 19500-3593-12                         | /581                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N4239                      | NS           | CDWR                                         | 19500-2534-09                         | /581                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N4261                      | 1A           | CEJJ                                         | 19500-488-92                          | /511                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| JANKCAF 2N4261                 |              | CEJJ                                         | 19500-488-92                          | /511                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| JANHCAF 2N4261                 |              | CEJJ                                         | 19500-488-92                          | /511                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| SF 2N4261                      | 1A           | CEJJ                                         | 19500-488-92                          | /511                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N4261                       | 1A           | CEJJ                                         | 19500-488-92                          | /511                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N4261 3/                    | 1C           | CDWR                                         | 19500-2913-10                         | /511                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| ** 2N4261 3/                   | 1C           | CDWR                                         | 19500-2748-10                         | /511                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| SF 2N4261UB                    | 1A           | CEJJ                                         | 19500-488-92                          | /511                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N4261UB                    | 1A           | CEJJ                                         | 19500-488-92                          | /511                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N4261UB                     | 1A           | CEJJ                                         | 19500-488-92                          | /511                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N4261UB 3/                 | 1C           | CDWR                                         | 19500-2748-10                         | /511                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| S 2N4261UB 3/                  | 1C           | CDWR                                         | 19500-2913-10                         | /511                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| SF 2N4261UBC                   | 1A           | CEJJ                                         | 19500-488-92                          | /511                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N4261UBC                    | 1C           | CEJJ                                         | 19500-2293-08                         | /511                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N4261UBC 3/                 | 1C           | CDWR                                         | 19500-3715-13                         | /511                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| S 2N4261UBC 3/                 | 1C           | CDWR                                         | 19500-2913-10                         | /511                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| ** 2N4399                      | 3A           | CDWR                                         | 19500-357-02                          | /433                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| * 2N4405                       | 3A           | CDWR                                         | 19500-090-01                          | /448                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N4449                      | 3A           | CEJJ                                         | 19500-093-99                          | /317                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| SF 2N4449                      | 3A           | CEJJ                                         | 19500-2946-10                         | /317                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| SF 2N4449 6/                   | 3A           | CDWR                                         | 19500-2381-08                         | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N4449 6/                   | 3A           | CDWR                                         | 19500-075-96                          | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N4449 6/                    | 3A           | CDWR                                         | 19500-1323-05                         | /317                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N4854                      | 3A           | CDWR                                         | 19500-370-95                          | /421                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N4854U                     | 3A           | CDWR                                         | 19500-163-98                          | /421                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N4856                      | 1C           | CDCD                                         | 19500-661-03                          | /385                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ** 2N4856 3/                   | 1            | CDBN                                         | 19500-837-90                          | /385                 | D                            | 17856                                              | Siliconix Incorporated           |
| ** 2N4857                      | 1C           | CDCD                                         | 19500-661-03                          | /385                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ** 2N4857 3/                   | 1            | CDBN                                         | 19500-837-90                          | /385                 | D                            | 17856                                              | Siliconix Incorporated           |
| ** 2N4858                      | 1C           | CDCD                                         | 19500-661-03                          | /385                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ** 2N4858 3/                   | 1            | CDBN                                         | 19500-837-90                          | /385                 | D                            | 17856                                              | Siliconix Incorporated           |
| ** 2N4859                      | 1C           | CDCD                                         | 19500-661-03                          | /385                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ** 2N4859 3/                   | 1            | CDBN                                         | 19500-837-90                          | /385                 | D                            | 17856                                              | Siliconix Incorporated           |
| ** 2N4860                      | 1C           | CDCD                                         | 19500-661-03                          | /385                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ** 2N4860 3/                   | 1            | CDBN                                         | 19500-837-90                          | /385                 | D                            | 17856                                              | Siliconix Incorporated           |
| ** 2N4861                      | 1C           | CDCD                                         | 19500-661-03                          | /385                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ** 2N4861 3/                   | 1            | CDBN                                         | 19500-837-90                          | /385                 | D                            | 17856                                              | Siliconix Incorporated           |
| ++ 2N4865 3/, 4/               | NS           | CDCD                                         | 7316                                  | /380                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ++ 2N4930                      | 3A           | CDWR                                         | 19500-109-98                          | /397                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N4930U4                    | 3B           | CDWR                                         | 19500-3083-11                         | /397                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ++ 2N4931                      | 3A           | CDWR                                         | 19500-109-98                          | /397                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N4931U4                    | 3B           | CDWR                                         | 19500-3083-11                         | /397                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N4957                       | 1C           | CEJJ                                         | 19500-3142-11                         | /426                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N4957                      | 1A           | CEJJ                                         | 19500-244-89                          | /426                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| SF 2N4957                      | 1C           | CEJJ                                         | 19500-3142-11                         | /426                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| JANKCAF 2N4957                 |              | CEJJ                                         | 19500-3142-11                         | /426                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| JANHCAF 2N4957                 |              | CEJJ                                         | 19500-3142-11                         | /426                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N4957 3/                   | 1C           | CDWR                                         | 19500-3227-11                         | /426                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| SF 2N4957UB                    | 1C           | CEJJ                                         | 19500-3142-11                         | /426                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N4957UB                     | 1C           | CEJJ                                         | 19500-3142-11                         | /426                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N4957UB                    | 1A           | CEJJ                                         | 19500-244-89                          | /426                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N4957UB 3/                 | 1C           | CDWR                                         | 19500-3227-11                         | /426                 | D                            | 43611                                              | Microsemi Lawrence (16)          |
| JANHCB 2N5002                  | 3B           | CDWR                                         | 19500-2435-09                         | /534                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5002                      | 3A           | CEJJ                                         | 19500-1027-87                         | /534                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N5002                       | 3B           | CDWR                                         | 19500-2197-08                         | /534                 | D                            | 43611                                              | Microsemi Lawrence (3)           |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                  |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|----------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                  |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)   |
| ** 2N5002                      | 3            | CDWR                                         | 19500-136-88                          | /534                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| JANKCB 2N5002                  | 3B           | CDWR                                         | 19500-2435-09                         | /534                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5002                      | 3B           | CDWR                                         | 19500-2197-08                         | /534                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| SF 2N5002                      | 3B           | CDWR                                         | 19500-2435-09                         | /534                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| JANKCBF 2N5002                 | 3B           | CDWR                                         | 19500-2435-09                         | /534                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5003                      | 3B           | CDWR                                         | 19500-2526-09                         | /535                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5003                      | 3A           | CEJJ                                         | 19500-1028-87                         | /535                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N5003                      | 3            | CDWR                                         | 19500-623-91                          | /535                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| JANHCB 2N5004                  | 3B           | CDWR                                         | 19500-2435-09                         | /534                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5004                      | 3B           | CDWR                                         | 19500-2197-08                         | /534                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5004                      | 3A           | CEJJ                                         | 19500-1027-87                         | /534                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| JANKCBF 2N5004                 | 3B           | CDWR                                         | 19500-2435-09                         | /534                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| JANKCB 2N5004                  | 3B           | CDWR                                         | 19500-2435-09                         | /534                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5004                      | 3            | CDWR                                         | 19500-136-88                          | /534                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SF 2N5004                      | 3B           | CDWR                                         | 19500-2435-09                         | /534                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| S 2N5004                       | 3B           | CDWR                                         | 19500-2197-08                         | /534                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5005                      | 3A           | CEJJ                                         | 19500-1028-87                         | /535                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N5005                      | 3B           | CDWR                                         | 19500-2526-09                         | /535                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5005                      | 3            | CDWR                                         | 19500-623-91                          | /535                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5010                      | 3B           | CDWR                                         | 19500-2354-08                         | /727                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5010S                     | 3B           | CDWR                                         | 19500-2354-08                         | /727                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5011                      | 3B           | CDWR                                         | 19500-2354-08                         | /727                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5011S                     | 3B           | CDWR                                         | 19500-2354-08                         | /727                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5012                      | 3B           | CDWR                                         | 19500-2354-08                         | /727                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5012S                     | 3B           | CDWR                                         | 19500-2354-08                         | /727                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5013                      | 3B           | CDWR                                         | 19500-2354-08                         | /727                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5013S                     | 3B           | CDWR                                         | 19500-2354-08                         | /727                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5014                      | 3B           | CDWR                                         | 19500-2354-08                         | /727                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5014S                     | 3B           | CDWR                                         | 19500-2354-08                         | /727                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5015                      | 3B           | CDWR                                         | 19500-2354-08                         | /727                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5015S                     | 3B           | CDWR                                         | 19500-2354-08                         | /727                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5038                      | NS           | CDWR                                         | 19500-1861-07                         | /439                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5039                      | NS           | CDWR                                         | 19500-1861-07                         | /439                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5109                      | 2            | CEJJ                                         | 19500-1891-07                         | /453                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N5109                       | 1A           | CEJJ                                         | 19500-800-91                          | /453                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| JANKCA 2N5109                  |              | CEJJ                                         | 19500-800-91                          | /453                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| JANHCA 2N5109                  |              | CEJJ                                         | 19500-800-91                          | /453                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N5109UB                    | 2            | CEJJ                                         | 19500-1891-07                         | /453                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N5109UB                     | 2            | CEJJ                                         | 19500-3826-13                         | /453                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ++ 2N5114                      | 1C           | CDCD                                         | 19500-458-03                          | /476                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ** 2N5114 3/                   | 2            | CDBN                                         | 19500-977-84                          | /476                 | D                            | 17856                                              | Siliconix Incorporated           |
| ++ 2N5115                      | 1C           | CDCD                                         | 19500-458-03                          | /476                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ** 2N5115 3/                   | 2            | CDBN                                         | 19500-977-84                          | /476                 | D                            | 17856                                              | Siliconix Incorporated           |
| ++ 2N5116                      | 1C           | CDCD                                         | 19500-458-03                          | /476                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ** 2N5116 3/                   | 2            | CDBN                                         | 19500-977-84                          | /476                 | D                            | 17856                                              | Siliconix Incorporated           |
| S 2N5151                       | 3B           | CDWR                                         | 19500-1242-05                         | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| JANHCC 2N5151                  | 3B           | CDWR                                         | 19500-1979-07                         | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| JANKCCF 2N5151                 | 3B           | CDWR                                         | 19500-2645-09                         | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5151                      | 3B           | CHRC                                         | 19500-3740-13                         | /545                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N5151                      | 3A           | CEJJ                                         | 19500-194-99                          | /545                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| SF 2N5151                      | 3A           | CEJJ                                         | 19500-3076-11                         | /545                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| JANKCBF 2N5151                 |              | CEJJ                                         | 19500-3076-11                         | /545                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| JANKCC 2N5151                  | 3B           | CDWR                                         | 19500-1995-07                         | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5151                       | NS           |                                              |                                       |                      |                              |                                                    |                                  |
| JANHCBF 2N5151                 |              | CEJJ                                         | 19500-3076-11                         | /545                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N5151                      | 3B           | CDWR                                         | 19500-623-91                          | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| JANHCB 2N5151                  |              | CEJJ                                         | 19500-194-99                          | /545                 | D                            | 34156                                              | Semicoa Corporation (1)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| SF 2N5151                      | 3B           | CDWR                                         | 19500-2645-09                         | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCB 2N5151                  |              | CEJJ                                         | 19500-194-99                          | /545                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N5151L                     | 3A           | CEJJ                                         | 19500-194-99                          | /545                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N5151L                     | 3B           | CHRC                                         | 19500-3740-13                         | /545                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| SF 2N5151L                     | 3A           | CEJJ                                         | 19500-3076-11                         | /545                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N5151L                     | 3B           | CDWR                                         | 19500-623-91                          | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SF 2N5151L                     | 3B           | CDWR                                         | 19500-2645-09                         | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N5151L                      | 3B           | CDWR                                         | 19500-1242-05                         | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N5151U3                     | 3B           | CDWR                                         | 19500-1995-07                         | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SF 2N5151U3                    | 3B           | CDWR                                         | 19500-2645-09                         | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N5151U3                    | 3B           | CDWR                                         | 19500-1979-07                         | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCD 2N5152                  | 3B           | CDWR                                         | 19500-2435-09                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| S 2N5152                       | 3B           | CDWR                                         | 19500-2197-08                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| JANKCDF 2N5152                 | 3B           | CDWR                                         | 19500-2435-09                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| JANHCBF 2N5152                 |              | CEJJ                                         | 19500-2905-10                         | /544                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N5152                      | NS           | CHRC                                         | 19500-3529-12                         | /504                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N5152                      | NS           | CDWR                                         | 19500-1973-07                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| SF 2N5152                      | 3A           | CEJJ                                         | 19500-2905-10                         | /544                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCBF 2N5152                 |              | CEJJ                                         | 19500-2905-10                         | /544                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANHCD 2N5152                  | 3B           | CDWR                                         | 19500-2435-09                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N5152                      | 3A           | CEJJ                                         | 19500-195-99                          | /544                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N5152                      | 3B           | CDWR                                         | 19500-2435-09                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| SF 2N5152L                     | 3B           | CDWR                                         | 19500-2435-09                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| SF 2N5152L                     | 3A           | CEJJ                                         | 19500-2905-10                         | /544                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N5152L                     | NS           | CDWR                                         | 19500-1973-07                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N5152L                     | 3A           | CEJJ                                         | 19500-195-99                          | /544                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N5152L                      | 3B           | CDWR                                         | 19500-2197-08                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N5152L                     | NS           | CHRC                                         | 19500-3529-12                         | /504                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| S 2N5152U3                     | 3B           | CDWR                                         | 19500-2197-08                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N5152U3                    | 3B           | CDWR                                         | 19500-2197-08                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| SF 2N5152U3                    | 3B           | CDWR                                         | 19500-2435-09                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| JANKCCF 2N5153                 | 3B           | CDWR                                         | 19500-2645-09                         | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCC 2N5153                  | 3B           | CDWR                                         | 19500-1995-07                         | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCBF 2N5153                 |              | CEJJ                                         | 19500-3076-11                         | /545                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N5153                      | 3A           | CEJJ                                         | 19500-194-99                          | /545                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N5153                      | 3B           | CDWR                                         | 19500-2645-09                         | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCB 2N5153                  |              | CEJJ                                         | 19500-194-99                          | /545                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANHCBF 2N5153                 |              | CEJJ                                         | 19500-3076-11                         | /545                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N5153                      | 3            | CDWR                                         | 19500-623-91                          | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SF 2N5153                      | 3A           | CEJJ                                         | 19500-3076-11                         | /545                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N5153                       | 3B           | CDWR                                         | 19500-1242-05                         | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANKCB 2N5153                  |              | CEJJ                                         | 19500-194-99                          | /545                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N5153                      | 3B           | CHRC                                         | 19500-3740-13                         | /545                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| JANHCC 2N5153                  | 3B           | CDWR                                         | 19500-1979-07                         | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N5153L                     | 3B           | CDWR                                         | 19500-623-91                          | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N5153L                     | 3A           | CEJJ                                         | 19500-194-99                          | /545                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N5153L                      | 3B           | CDWR                                         | 19500-1242-05                         | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SF 2N5153L                     | 3A           | CEJJ                                         | 19500-3076-11                         | /545                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| SF 2N5153L                     | 3B           | CDWR                                         | 19500-2645-09                         | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N5153L                     | 3B           | CHRC                                         | 19500-3740-13                         | /545                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| S 2N5153U3                     | 3B           | CDWR                                         | 19500-1995-07                         | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N5153U3                    | 3B           | CDWR                                         | 19500-1979-07                         | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| SF 2N5153U3                    | 3B           | CDWR                                         | 19500-2645-09                         | /545                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N5154                      | NS           | CDWR                                         | 19500-1973-07                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N5154                      | 3A           | CEJJ                                         | 19500-195-99                          | /544                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCBF 2N5154                 |              | CEJJ                                         | 19500-2905-10                         | /544                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N5154                      | NS           | CHRC                                         | 19500-3529-12                         | /504                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                  |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|----------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                  |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)   |
| JANHCD 2N5154                  | 3B           | CDWR                                         | 19500-2435-09                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| JANKCDF 2N5154                 | 3B           | CDWR                                         | 19500-2435-09                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| SF 2N5154                      | 3B           | CDWR                                         | 19500-2435-09                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| JANHCBF 2N5154                 |              | CEJJ                                         | 19500-2905-10                         | /544                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N5154                       | 3B           | CDWR                                         | 19500-2197-08                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| JANKCD 2N5154                  | 3B           | CDWR                                         | 19500-2435-09                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| SF 2N5154                      | 3A           | CEJJ                                         | 19500-2905-10                         | /544                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N5154L                     | 3A           | CEJJ                                         | 19500-195-99                          | /544                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| SF 2N5154L                     | 3B           | CDWR                                         | 19500-2435-09                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5154L                     | NS           | CDWR                                         | 19500-1973-07                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| S 2N5154L                      | 3B           | CDWR                                         | 19500-2197-08                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5154L                     | NS           | CHRC                                         | 19500-3529-12                         | /504                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| SF 2N5154L                     | 3A           | CEJJ                                         | 19500-2905-10                         | /544                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| SF 2N5154U3                    | 3B           | CDWR                                         | 19500-2435-09                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| S 2N5154U3                     | 3B           | CDWR                                         | 19500-2197-08                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5154U3                    | 3B           | CDWR                                         | 19500-2197-08                         | /544                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| * 2N5157                       | NS           | CDCD                                         | 19500-1587-06                         | /371                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ** 2N5157                      | NS           | CHRC                                         | 19500-3610-12                         | /371                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N5157                      | 3A           | CDWR                                         | 19500-087-02                          | /371                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| JANKCA 2N5237                  |              | CDWR                                         | 19500-1931-07                         | /394                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5237                      | 3A           | CEJJ                                         | 19500-494-90                          | /394                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N5237 3/                   | NS           | CDCD                                         | 19500-60-76                           | /394                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| S 2N5237 6/                    | NS           | CDWR                                         | 19500-1931-07                         | /394                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5237 6/                   | NS           | CDWR                                         | 19500-1931-07                         | /394                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5237S 6/                  | NS           | CDWR                                         | 19500-1931-07                         | /394                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5237S 6/                   | NS           | CDWR                                         | 19500-1931-07                         | /394                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| JANKCA 2N5238                  |              | CDWR                                         | 19500-2345-08                         | /394                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5238 3/                   | NS           | CDCD                                         | 19500-60-76                           | /394                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N5238 6/                   | NS           | CDWR                                         | 19500-1792-06                         | /394                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5238 6/                    | NS           | CDWR                                         | 19500-2345-08                         | /394                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5238S 6/                  | NS           | CDWR                                         | 19500-1792-06                         | /394                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5238S 6/                   | NS           | CDWR                                         | 19500-2345-08                         | /394                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ++ 2N5250 3/, 4/               | NS           | CDCD                                         | 19500-773-04                          | /380                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ++ 2N5251 3/, 4/               | NS           | CDCD                                         | 7316                                  | /380                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N5302                      | 3A           | CDWR                                         | 19500-1861-07                         | /456                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5303                      | 3A           | CDWR                                         | 19500-1861-07                         | /456                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| JANKCC 2N5339                  |              | CDWR                                         | 19500-1718-06                         | /560                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5339                      | NS           | CHRC                                         | 19500-3529-12                         | /560                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| JANHCC 2N5339                  |              | CDWR                                         | 19500-1718-06                         | /560                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5339                      | 3A           | CEJJ                                         | 19500-824-90                          | /560                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N5339 6/                    | NS           | CDWR                                         | 19500-2345-08                         | /560                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5339 6/                   | NS           | CDWR                                         | 19500-2338-08                         | /560                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5339U3 6/                 | NS           | CDWR                                         | 19500-2338-08                         | /560                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5339U3 6/                  | NS           | CDWR                                         | 19500-2345-08                         | /560                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| JANHCB 2N5415                  | 3A           | CDWR                                         | 19500-1244-05                         | /485                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5415                       | 3A           | CDWR                                         | 19500-1244-05                         | /485                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| JANKCB 2N5415                  | 3A           | CDWR                                         | 19500-1244-05                         | /485                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5415                      | 3A           | CDWR                                         | 19500-895-04                          | /485                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5415 3/                   | 1C           | CDCD                                         | 19500-230-76                          | /485                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| S 2N5415S                      | 3A           | CDWR                                         | 19500-1244-05                         | /485                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5415S                     | 3A           | CDWR                                         | 19500-895-04                          | /485                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5415S 3/                  | 1C           | CDCD                                         | 19500-230-76                          | /485                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N5415U4                    | 3B           | CDWR                                         | 19500-3083-11                         | /485                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5415U4 6/                  | 3A           | CDWR                                         | 19500-3971-13                         | /485                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5415UA                    | 3A           | CDWR                                         | 19500-895-04                          | /485                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5415UA                     | 3A           | CDWR                                         | 19500-1244-05                         | /485                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| JANHCB 2N5416                  | 3A           | CDWR                                         | 19500-1244-05                         | /485                 | D                            | 43611                                              | Microsemi Lawrence (1)           |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                  |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|----------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                  |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)   |
| JANKCB 2N5416                  | 3A           | CDWR                                         | 19500-1244-05                         | /485                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5416                       | 3A           | CDWR                                         | 19500-1244-05                         | /485                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5416                      | 3A           | CDWR                                         | 19500-895-04                          | /485                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5416 3/                   | 1C           | CDCD                                         | 19500-230-76                          | /485                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| S 2N5416S                      | 3A           | CDWR                                         | 19500-1244-05                         | /485                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5416S                     | 3A           | CDWR                                         | 19500-895-04                          | /485                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5416S 3/                  | 1C           | CDCD                                         | 19500-230-76                          | /485                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N5416U4                    | 3B           | CDWR                                         | 19500-3083-11                         | /485                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5416U4 6/                  | 3A           | CDWR                                         | 19500-3971-13                         | /485                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5416UA                     | 3A           | CDWR                                         | 19500-1244-05                         | /485                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5416UA                    | 3A           | CDWR                                         | 19500-895-04                          | /485                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5545                      | 1C           | CDCD                                         | 19500-661-03                          | /430                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ++ 2N5545 3/                   | 1B           | CDBN                                         | 19500-85-92                           | /430                 | D                            | 17856                                              | Siliconix Incorporated           |
| ** 2N5546                      | 1C           | CDCD                                         | 19500-661-03                          | /430                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ++ 2N5546 3/                   | 1B           | CDBN                                         | 19500-85-92                           | /430                 | D                            | 17856                                              | Siliconix Incorporated           |
| ** 2N5547                      | 1C           | CDCD                                         | 19500-661-03                          | /430                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ++ 2N5547 3/                   | 1B           | CDBN                                         | 19500-85-92                           | /430                 | D                            | 17856                                              | Siliconix Incorporated           |
| ** 2N5581                      | 3            | CDWR                                         | 19500-101-95                          | /423                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5581                      | 3B           | CDWR                                         | 19500-1722-06                         | /423                 | D                            | 43611                                              | Microsemi Lawrence (11)          |
| ** 2N5581                      | 3A           | CEJJ                                         | 19500-206-94                          | /423                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N5582                      | 3            | CDWR                                         | 19500-101-95                          | /423                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5582                      | 3A           | CEJJ                                         | 19500-206-94                          | /423                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N5582                      | 3B           | CDWR                                         | 19500-1722-06                         | /423                 | D                            | 43611                                              | Microsemi Lawrence (11)          |
| ** 2N5660 6/                   | NS           | CDWR                                         | 19500-2985-10                         | /454                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5660U3 6/                 | NS           | CDWR                                         | 19500-2985-10                         | /454                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5661                      | 3            | CDWR                                         | 19500-735-03                          | /454                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5661                      | NS           | CDWR                                         | 19500-2135-08                         | /454                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5661U3                    | NS           | CDWR                                         | 19500-2135-08                         | /454                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5662                      | 3            | CDWR                                         | 19500-735-03                          | /454                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5662 6/                   | NS           | CDWR                                         | 19500-2985-10                         | /454                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5663                      | 3            | CDWR                                         | 19500-476-90                          | /454                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5663                      | NS           | CDWR                                         | 19500-2135-08                         | /454                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5663                      | NS           | CDWR                                         | 19500-3032-10                         | /454                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| S 2N5664                       | NS           | CDWR                                         | 19500-3036-11                         | /455                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5664                      | 3B           | CDWR                                         | 19500-2261-08                         | /455                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5664                       | 3B           | CDWR                                         | 19500-2226-08                         | /455                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5664 3/                   | NS           | CDCD                                         | 19500-291-80                          | /455                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| S 2N5665                       | NS           | CDWR                                         | 19500-3317-11                         | /455                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5665                      | 3            | CDWR                                         | 19500-477-90                          | /455                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5665                      | 3B           | CDWR                                         | 19500-2314-08                         | /455                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| S 2N5665                       | 3            | CDWR                                         | 19500-920-04                          | /455                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5665 3/                   | NS           | CDCD                                         | 19500-291-80                          | /455                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N5666                      | 3A           | CEJJ                                         | 19500-3768-13                         | /455                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N5666                      | 3B           | CDWR                                         | 19500-2261-08                         | /455                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5666                       | 3A           | CEJJ                                         | 19500-3818-13                         | /455                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| S 2N5666                       | 3B           | CDWR                                         | 19500-2226-08                         | /455                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5666                       | NS           | CDWR                                         | 19500-3036-11                         | /455                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5666 3/                   | NS           | CDCD                                         | 19500-62-76                           | /455                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N5666S                     | 3B           | CDWR                                         | 19500-2261-08                         | /455                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5666S                      | 3B           | CDWR                                         | 19500-2226-08                         | /455                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5666S                      | NS           | CDWR                                         | 19500-3036-11                         | /455                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5666S                     | 3A           | CEJJ                                         | 19500-3768-13                         | /455                 | D                            | 34156                                              | Semicoa Corporation (1)          |
| ** 2N5666U3                    | 3B           | CDWR                                         | 19500-2261-08                         | /455                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5666U3                     | NS           | CDWR                                         | 19500-3036-11                         | /455                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5666U3                     | 3B           | CDWR                                         | 19500-2226-08                         | /455                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5667                      | 3            | CDWR                                         | 19500-477-90                          | /455                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5667                      | 3B           | CDWR                                         | 19500-2314-08                         | /455                 | D                            | 43611                                              | Microsemi Lawrence (3)           |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                  |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|----------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                  |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)   |
| S 2N5667                       | 3            | CDWR                                         | 19500-135-00                          | /455                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5667                       | NS           | CDWR                                         | 19500-3317-11                         | /455                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5667 3/                   | NS           | CDCD                                         | 19500-62-76                           | /455                 | D                            | 21845                                              | Soliton Devices Incorporated (2) |
| ** 2N5667S                     | 3B           | CDWR                                         | 19500-2314-08                         | /455                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| S 2N5667S                      | NS           | CDWR                                         | 19500-3317-11                         | /455                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5667S                     | 3            | CDWR                                         | 19500-477-90                          | /455                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5667S                      | 3            | CDWR                                         | 19500-920-04                          | /455                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5671                      | NS           | CDWR                                         | 19500-749-87                          | /488                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5672                      | NS           | CDWR                                         | 19500-749-87                          | /488                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5679                      | NS           | CHRC                                         | 19500-3714-13                         | /582                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ++ 2N5679                      | 3A           | CDWR                                         | 19500-635-87                          | /582                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ++ 2N5680                      | 3A           | CDWR                                         | 19500-635-87                          | /582                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5680                      | NS           | CHRC                                         | 19500-3714-13                         | /582                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N5681                      | 3            | CDWR                                         | 19500-1041-04                         | /583                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5681                      | NS           | CDWR                                         | 19500-2534-09                         | /583                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5681                      | NS           | CHRC                                         | 19500-3593-12                         | /583                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N5682                      | NS           | CHRC                                         | 19500-3593-12                         | /583                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N5682                      | NS           | CDWR                                         | 19500-2534-09                         | /583                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5682                      | 3            | CDWR                                         | 19500-1041-04                         | /583                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5683                      | 3A           | CDWR                                         | 19500-424-90                          | /466(US              | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5684                      | 3A           | CDWR                                         | 19500-424-90                          | /466(US              | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5685                      | 3A           | CDWR                                         | 19500-1861-07                         | /464                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5686                      | 3A           | CDWR                                         | 19500-1861-07                         | /464                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5745                      | 3A           | CDWR                                         | 19500-357-02                          | /433                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N5793                      | 3B           | CDWR                                         | 19500-1722-06                         | /495                 | D                            | 43611                                              | Microsemi Lawrence (11)          |
| ** 2N5793                      | 3            | CDWR                                         | 19500-103-92                          | /495                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5793A                     | 3B           | CDWR                                         | 19500-1722-06                         | /495                 | D                            | 43611                                              | Microsemi Lawrence (11)          |
| ** 2N5794                      | 3B           | CDWR                                         | 19500-1722-06                         | /495                 | D                            | 43611                                              | Microsemi Lawrence (11)          |
| ** 2N5794                      | 3B           | CDWR                                         | 19500-103-92                          | /495                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5794A                     | 3B           | CDWR                                         | 19500-1722-06                         | /495                 | D                            | 43611                                              | Microsemi Lawrence (11)          |
| ** 2N5794AU                    | 3B           | CDWR                                         | 19500-1722-06                         | /495                 | D                            | 43611                                              | Microsemi Lawrence (11)          |
| ** 2N5794AUC                   | 3B           | CDWR                                         | 19500-1722-06                         | /495                 | D                            | 43611                                              | Microsemi Lawrence (11)          |
| ** 2N5794U                     | 3B           | CDWR                                         | 19500-1722-06                         | /495                 | D                            | 43611                                              | Microsemi Lawrence (11)          |
| ** 2N5794U                     | 3B           | CDWR                                         | 19500-104-95                          | /495                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5794UC                    | 3B           | CDWR                                         | 19500-1722-06                         | /495                 | D                            | 43611                                              | Microsemi Lawrence (11)          |
| ** 2N5795 6/                   | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5795 6/                    | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SF 2N5795 6/                   | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5795A 6/                   | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5795A 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SF 2N5795A 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5796 6/                    | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5796 6/                   | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SF 2N5796 6/                   | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5796A 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5796A 6/                   | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SF 2N5796A 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5796AU 6/                 | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5796AU 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SF 2N5796AU 6/                 | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SF 2N5796AUC 6/                | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5796AUC 6/                 | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5796AUC 6/                | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N5796U 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| SF 2N5796U 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5796U 6/                   | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| S 2N5796UC 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)           |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| SF 2N5796UC 6/                 | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N5796UC 6/                 | 2            | CDWR                                         | 19500-3807-13                         | /496                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N6032                      | 3A           | CDWR                                         | 19500-609-03                          | /528                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N6033                      | 3A           | CDWR                                         | 19500-609-03                          | /528                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N6051                      | NS           | CHRC                                         | 19500-3744-13                         | /501                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N6051                      | NS           | CDWR                                         | 19500-547-91                          | /501                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N6052                      | NS           | CHRC                                         | 19500-3744-13                         | /501                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N6052                      | NS           | CDWR                                         | 19500-547-91                          | /501                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N6058                      | 3A           | CDWR                                         | 19500-967-04                          | /502                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N6058                      | NS           | CHRC                                         | 19500-3623-12                         | /502                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N6059                      | 3A           | CDWR                                         | 19500-967-04                          | /502                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N6059                      | NS           | CHRC                                         | 19500-3623-12                         | /502                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| JANKCB 2N6193                  | 3A           | CEJJ                                         | 19500-2832-10                         | /561                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANHCB 2N6193                  | 3A           | CEJJ                                         | 19500-2832-10                         | /561                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANHCBF 2N6193                 |              | CEJJ                                         | 19500-2832-10                         | /561                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| ** 2N6193                      | 3B           | CDWR                                         | 19500-1979-07                         | /561                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N6193                      | 3B           | CHRC                                         | 19500-3740-13                         | /561                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| JANKCC 2N6193                  | 3B           | CDWR                                         | 19500-1995-07                         | /561                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N6193                      | 3A           | CEJJ                                         | 19500-824-90                          | /561                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| JANKCBF 2N6193                 |              | CEJJ                                         | 19500-2832-10                         | /561                 | D                            | 34156                                              | Semicoa Corporation (1)        |
| S 2N6193                       | 3B           | CDWR                                         | 19500-732-03                          | /561                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| JANHCC 2N6193                  | 3B           | CDWR                                         | 19500-1979-07                         | /561                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N6193U3                    | 3B           | CDWR                                         | 19500-1979-07                         | /561                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| S 2N6193U3                     | 3B           | CDWR                                         | 19500-732-03                          | /561                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N6211                      | 3A           | CDWR                                         | 19500-948-04                          | /461                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N6212                      | 3A           | CDWR                                         | 19500-948-04                          | /461                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N6213                      | 3A           | CDWR                                         | 19500-948-04                          | /461                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N6249                      | NS           | CHRC                                         | 19500-3610-12                         | /510                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| S 2N6249                       | 3B           | CDWR                                         | 19500-2011-07                         | /510                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N6249                      | 3B           | CDWR                                         | 19500-2011-07                         | /510                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| S 2N6249T1                     | 3B           | CDWR                                         | 19500-2011-07                         | /510                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N6249T1                    | 3B           | CDWR                                         | 19500-2011-07                         | /510                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| S 2N6250                       | 3B           | CDWR                                         | 19500-2011-07                         | /510                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N6250                      | 3B           | CDWR                                         | 19500-2011-07                         | /510                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N6250                      | NS           | CHRC                                         | 19500-3610-12                         | /510                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| S 2N6250T1                     | 3B           | CDWR                                         | 19500-2011-07                         | /510                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N6250T1                    | 3B           | CDWR                                         | 19500-2011-07                         | /510                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N6251                      | 3B           | CDWR                                         | 19500-2011-07                         | /510                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| S 2N6251                       | 3B           | CDWR                                         | 19500-2011-07                         | /510                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N6251                      | NS           | CHRC                                         | 19500-3610-12                         | /510                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| S 2N6251T1                     | 3B           | CDWR                                         | 19500-2011-07                         | /510                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N6251T1                    | 3B           | CDWR                                         | 19500-2011-07                         | /510                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N6274                      | 3A           | CDWR                                         | 19500-240-02                          | /514                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N6277                      | 3A           | CDWR                                         | 19500-240-02                          | /514                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N6283                      | 3A           | CDWR                                         | 19500-967-04                          | /504                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N6283                      | NS           | CHRC                                         | 19500-3623-12                         | /504                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N6284                      | NS           | CHRC                                         | 19500-3623-12                         | /504                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N6284                      | 3A           | CDWR                                         | 19500-967-04                          | /504                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N6286                      | NS           | CDWR                                         | 19500-547-91                          | /505                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N6286                      | NS           | CHRC                                         | 19500-743-3315                        | /505                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N6287                      | NS           | CDWR                                         | 19500-547-91                          | /505                 | D                            | 43611                                              | Microsemi Lawrence (1)         |
| ** 2N6287                      | NS           | CHRC                                         | 19500-3744-13                         | /505                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N6298                      | 3A           | CDWR                                         | 19500-149-01                          | /540                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N6298                      | NS           | CHRC                                         | 19500-3561-12                         | /540                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N6299                      | 3A           | CDWR                                         | 19500-149-01                          | /540                 | D                            | 43611                                              | Microsemi Lawrence (3)         |
| ** 2N6299                      | NS           | CHRC                                         | 19500-3561-12                         | /540                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |
| ** 2N6300                      | NS           | CHRC                                         | 19500-3590-12                         | /539                 | D                            | 52GC4                                              | Aeroflex Metelics (3)          |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                  |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|----------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                  |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)   |
| ** 2N6300                      | 3A           | CDWR                                         | 19500-192-01                          | /539                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6301                      | 3A           | CDWR                                         | 19500-192-01                          | /539                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6301                      | NS           | CHRC                                         | 19500-3590-12                         | /539                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N6306                      | NS           | CDCD                                         | 19500-1588-06                         | /498                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ** 2N6306                      | 3A           | CDWR                                         | 19500-087-02                          | /498                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6306T1                    | 3B           | CDWR                                         | 19500-2011-07                         | /498                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6308                      | NS           | CDCD                                         | 19500-1588-06                         | /498                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ** 2N6308                      | 3A           | CDWR                                         | 19500-087-02                          | /498                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6308T1                    | 3B           | CDWR                                         | 19500-2011-07                         | /498                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6338                      | 3B           | CDWR                                         | 19500-3415-12                         | /509                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N6338                      | 3A           | CDWR                                         | 19500-554-03                          | /509                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N6341                      | 3A           | CDWR                                         | 19500-554-03                          | /509                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N6341                      | 3B           | CDWR                                         | 19500-3415-12                         | /509                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N6350                      | 3B           | CDWR                                         | 19500-745-87                          | /472                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N6351                      | 3B           | CDWR                                         | 19500-2501-09                         | /472                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N6352                      | 3B           | CDWR                                         | 19500-745-87                          | /472                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N6353                      | 3B           | CDWR                                         | 19500-2501-09                         | /472                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N6383                      | 3A           | CDWR                                         | 19500-192-01                          | /523                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6383                      | NS           | CHRC                                         | 19500-3590-12                         | /523                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N6384                      | NS           | CHRC                                         | 19500-3590-12                         | /523                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N6384                      | 3A           | CDWR                                         | 19500-192-01                          | /523                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6385                      | NS           | CHRC                                         | 19500-3590-12                         | /523                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N6385                      | 3A           | CDWR                                         | 19500-192-01                          | /523                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6437                      | 3A           | CDWR                                         | 19500-816-04                          | /508                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N6438                      | 3A           | CDWR                                         | 19500-816-04                          | /508                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N6546                      | NS           | CDCD                                         | 19500-273-02                          | /525                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ** 2N6546                      | 3A           | CDWR                                         | 19500-087-02                          | /525                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6546T1                    | 3B           | CDWR                                         | 19500-2011-07                         | /525                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6547                      | 3A           | CDWR                                         | 19500-087-02                          | /525                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6547                      | NS           | CDCD                                         | 19500-273-02                          | /525                 | D                            | 21845                                              | Soliton Devices Incorporated (1) |
| ** 2N6547T1                    | 3B           | CDWR                                         | 19500-2011-07                         | /525                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6648                      | 3A           | CDWR                                         | 19500-074-95                          | /527                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N6649                      | 3A           | CDWR                                         | 19500-074-95                          | /527                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N6650                      | 3A           | CDWR                                         | 19500-074-95                          | /527                 | D                            | 43611                                              | Microsemi Lawrence (1)           |
| ** 2N6660                      | 0            | CDBN                                         | 19500-3123-11                         | /547                 | D                            | 17856                                              | Siliconix Incorporated           |
| ** 2N6661                      | 0            | CDBN                                         | 19500-3133-11                         | /547                 | D                            | 17856                                              | Siliconix Incorporated           |
| ** 2N6674                      | 3A           | CDWR                                         | 19500-087-02                          | /537                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6674                      | NS           | CHRC                                         | 19500-3610-12                         | /537                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N6675                      | 3A           | CDWR                                         | 19500-087-02                          | /537                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6675                      | NS           | CHRC                                         | 19500-3610-12                         | /537                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| ** 2N6676                      | 3B           | CDWR                                         | 19500-2011-07                         | /538                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6676                      | NS           | CHRC                                         | 19500-3610-12                         | /538                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| S 2N6676                       | 3B           | CDWR                                         | 19500-2011-07                         | /538                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| S 2N6676T1                     | 3B           | CDWR                                         | 19500-2011-07                         | /538                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6676T1                    | 3B           | CDWR                                         | 19500-2011-07                         | /538                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6678                      | 3B           | CDWR                                         | 19500-2011-07                         | /538                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6678                      | NS           | CHRC                                         | 19500-3610-12                         | /538                 | D                            | 52GC4                                              | Aeroflex Metelics (3)            |
| S 2N6678                       | 3B           | CDWR                                         | 19500-2011-07                         | /538                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6678T1                    | 3B           | CDWR                                         | 19500-2011-07                         | /538                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| S 2N6678T1                     | 3B           | CDWR                                         | 19500-2011-07                         | /538                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6689                      | 3A           | CDWR                                         | 19500-087-02                          | /537                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6689                      | 3B           | CDWR                                         | 19500-2732-10                         | /537                 | D                            | 43611                                              | Microsemi Lawrence (11)          |
| ** 2N6690                      | 3B           | CDWR                                         | 19500-2732-10                         | /537                 | D                            | 43611                                              | Microsemi Lawrence (11)          |
| ** 2N6690                      | 3A           | CDWR                                         | 19500-087-02                          | /537                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6691                      | 3B           | CDWR                                         | 19500-2732-10                         | /538                 | D                            | 43611                                              | Microsemi Lawrence (11)          |
| ** 2N6691                      | 3            | CDWR                                         | 19500-087-02                          | /538                 | D                            | 43611                                              | Microsemi Lawrence (3)           |
| ** 2N6693                      | 3            | CDWR                                         | 19500-087-02                          | /538                 | D                            | 43611                                              | Microsemi Lawrence (3)           |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 2N6693                      | 3B           | CDWR                                         | 19500-2732-10                         | /538                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 2N6756                      | 1C           | CDWR                                         | 19500-2133-08                         | /542                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANHCA 2N6756                  |              | CCBS                                         | 19500-857-92                          | /542                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6756                      | 1C           | CCBS                                         | 19500-424-03                          | /542                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6756                      | 1C           | CCBS                                         | 19500-1465-05                         | /542                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| JANHCA 2N6758                  |              | CCBS                                         | 19500-858-92                          | /542                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6758                      | 1C           | CCBS                                         | 19500-376-88                          | /542                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6758                      | 1C           | CCBS                                         | 19500-1459-05                         | /542                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ** 2N6758                      | 1B           | CDWR                                         | 19500-2907-10                         | /542                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ++ 2N6760                      | 1C           | CCBS                                         | 19500-335-02                          | /542                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| JANHCA 2N6760                  |              | CCBS                                         | 19500-859-92                          | /542                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ** 2N6760                      | 1C           | CDWR                                         | 19500-2705-10                         | /542                 | D                            | 43611                                              | Microsemi Lawrence (14)                 |
| ++ 2N6762                      | 1C           | CCBS                                         | 19500-1454-05                         | /542                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ++ 2N6762                      | 1C           | CCBS                                         | 19500-426-03                          | /542                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| JANHCA 2N6762                  |              | CCBS                                         | 19500-859-92                          | /542                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ** 2N6762                      | 1C           | CDWR                                         | 19500-2705-10                         | /542                 | D                            | 43611                                              | Microsemi Lawrence (14)                 |
| ++ 2N6764                      | 3A           | CCBS                                         | 19500-424-03                          | /543                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| JANHCA 2N6764                  |              | CCBS                                         | 19500-857-92                          | /543                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6764                      | 3A           | CCBS                                         | 19500-1465-05                         | /543                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ** 2N6764                      | 1C           | CDWR                                         | 19500-2458-09                         | /543                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 2N6764T1                    | 1C           | CDWR                                         | 19500-2458-09                         | /543                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ++ 2N6766                      | 3A           | CCBS                                         | 19500-1176-83                         | /543                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ** 2N6766                      | 2            | CDWR                                         | 19500-2619-09                         | /543                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANHCA 2N6766                  |              | CCBS                                         | 19500-858-92                          | /543                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6766                      | 3A           | CCBS                                         | 19500-1469-05                         | /543                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ** 2N6766T1                    | 2            | CDWR                                         | 19500-2619-09                         | /543                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANHCA 2N6768                  |              | CCBS                                         | 19500-859-92                          | /543                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ** 2N6768                      | 1B           | CDWR                                         | 19500-2122-08                         | /543                 | D                            | 43611                                              | Microsemi Lawrence (14)                 |
| ** 2N6768                      | 3A           | CCBS                                         | 19500-335-02                          | /543                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6768                      | 3A           | CCBS                                         | 19500-1462-05                         | /543                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ** 2N6768T1                    | 1B           | CDWR                                         | 19500-2122-08                         | /543                 | D                            | 43611                                              | Microsemi Lawrence (14)                 |
| JANHCA 2N6770                  |              | CCBS                                         | 19500-859-92                          | /543                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6770                      | 3A           | CCBS                                         | 19500-426-03                          | /543                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6770                      | 3A           | CCBS                                         | 19500-1454-05                         | /543                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ** 2N6770                      | 1B           | CDWR                                         | 19500-2122-08                         | /543                 | D                            | 43611                                              | Microsemi Lawrence (14)                 |
| ** 2N6770T1                    | 1B           | CDWR                                         | 19500-2122-08                         | /543                 | D                            | 43611                                              | Microsemi Lawrence (14)                 |
| JANHCB 2N6782                  |              | CDWR                                         | 19500-2252-08                         | /556                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ++ 2N6782                      | 1A           | CCBS                                         | 19500-328-02                          | /556                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6782                      | 1A           | CCBS                                         | 19500-1465-05                         | /556                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ** 2N6782                      | 1C           | CDWR                                         | 19500-2662-09                         | /556                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANHCA 2N6782                  |              | CCBS                                         | 19500-854-92                          | /556                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6782U                     | 1A           | CCBS                                         | 19500-1675-06                         | /556                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ** 2N6782U                     | 1B           | CDWR                                         | 19500-2252-08                         | /556                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ++ 2N6782U                     | 1A           | CCBS                                         | 19500-212-88                          | /556                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6784                      | 1A           | CCBS                                         | 19500-1459-05                         | /556                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ** 2N6784                      | 1B           | CDWR                                         | 19500-2885-10                         | /556                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANHCA 2N6784                  |              | CCBS                                         | 19500-858-92                          | /556                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6784                      | 1A           | CCBS                                         | 19500-392-03                          | /556                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ** 2N6784U                     | 1B           | CDWR                                         | 19500-2885-10                         | /556                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ++ 2N6784U                     | 1A           | CCBS                                         | 19500-213-88                          | /556                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6784U                     | 1A           | CCBS                                         | 19500-1675-06                         | /556                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| JANHCA 2N6786                  |              | CCBS                                         | 19500-859-92                          | /556                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6786                      | 1A           | CCBS                                         | 19500-216-88                          | /556                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6786U                     | 1A           | CCBS                                         | 19500-1675-06                         | /556                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ++ 2N6786U                     | 1A           | CCBS                                         | 19500-216-88                          | /556                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| JANHCA 2N6788                  |              | CCBS                                         | 19500-857-92                          | /555                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6788                      | 1B           | CCBS                                         | 19500-328-02                          | /555                 | D                            | 69210                                              | International Rectifier Corporation (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 2N6788                      | 1B           | CDWR                                         | 19500-2770-10                         | /555                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ++ 2N6788                      | 1B           | CCBS                                         | 19500-1465-05                         | /555                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ++ 2N6788U                     | 1B           | CCBS                                         | 19500-392-89                          | /555                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6788U                     | 1B           | CCBS                                         | 19500-1675-06                         | /555                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ** 2N6788U                     | 1B           | CDWR                                         | 19500-2770-10                         | /555                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANHCA 2N6790                  |              | CCBS                                         | 19500-858-92                          | /555                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6790                      | 1B           | CCBS                                         | 19500-1459-05                         | /555                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ** 2N6790                      | 1A           | CDWR                                         | 19500-2770-10                         | /555                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ++ 2N6790                      | 1B           | CCBS                                         | 19500-392-03                          | /555                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ** 2N6790U                     | 1A           | CDWR                                         | 19500-2770-10                         | /555                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ++ 2N6790U                     | 1B           | CCBS                                         | 19500-1675-06                         | /555                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ++ 2N6790U                     | 1B           | CCBS                                         | 19500-215-88                          | /555                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6792                      | 1B           | CCBS                                         | 19500-699-91                          | /555                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| JANHCA 2N6792                  |              | CCBS                                         | 19500-859-92                          | /555                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6792U                     | 1B           | CCBS                                         | 19500-1675-06                         | /555                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ++ 2N6792U                     | 1B           | CCBS                                         | 19500-699-91                          | /555                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6794                      | 1B           | CCBS                                         | 19500-431-03                          | /555                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| JANHCA 2N6794                  |              | CCBS                                         | 19500-859-92                          | /555                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6794U                     | 1B           | CCBS                                         | 19500-699-91                          | /555                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6794U                     | 1B           | CCBS                                         | 19500-1675-06                         | /555                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ** 2N6796                      | 1C           | CDWR                                         | 19500-2662-09                         | /557                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANHCA 2N6796                  |              | CCBS                                         | 19500-857-92                          | /557                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6796                      | 1C           | CCBS                                         | 19500-1465-05                         | /557                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ++ 2N6796                      | 1C           | CCBS                                         | 19500-328-02                          | /557                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6796U                     | 1C           | CCBS                                         | 19500-214-88                          | /557                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ** 2N6796U                     | 1C           | CDWR                                         | 19500-2133-08                         | /557                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ++ 2N6796U                     | 1C           | CCBS                                         | 19500-1675-06                         | /557                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ++ 2N6798                      | 1C           | CCBS                                         | 19500-392-03                          | /557                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ** 2N6798                      | 1C           | CDWR                                         | 19500-2907-10                         | /557                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 2N6798                      | 1B           | CEJJ                                         | 19500-3662-12                         | /557                 | D                            | 34156                                              | Semicoa Corporation (2)                 |
| S 2N6798                       | 2            | CDWR                                         | 19500-2877-10                         | /557                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANHCA 2N6798                  |              | CCBS                                         | 19500-858-92                          | /557                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6798                      | 1C           | CCBS                                         | 19500-1459-05                         | /557                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ++ 2N6798U                     | 1C           | CCBS                                         | 19500-393-88                          | /557                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ** 2N6798U                     | 1C           | CDWR                                         | 19500-2907-10                         | /557                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ++ 2N6798U                     | 1C           | CCBS                                         | 19500-1675-06                         | /557                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| S 2N6798U                      | 2            | CDWR                                         | 19500-2877-10                         | /557                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANHCA 2N6800                  |              | CCBS                                         | 19500-859-92                          | /557                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6800                      | 1C           | CCBS                                         | 19500-1261-83                         | /557                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ** 2N6800                      | 1C           | CDWR                                         | 19500-2705-10                         | /557                 | D                            | 43611                                              | Microsemi Lawrence (14)                 |
| ++ 2N6800U                     | 1C           | CCBS                                         | 19500-1675-06                         | /557                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ** 2N6800U                     | 1C           | CDWR                                         | 19500-2705-10                         | /557                 | D                            | 43611                                              | Microsemi Lawrence (14)                 |
| ++ 2N6800U                     | 1C           | CCBS                                         | 19500-1261-83                         | /557                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ** 2N6802                      | 1C           | CDWR                                         | 19500-2705-10                         | /557                 | D                            | 43611                                              | Microsemi Lawrence (14)                 |
| JANHCA 2N6802                  |              | CCBS                                         | 19500-859-92                          | /557                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6802                      | 1C           | CCBS                                         | 19500-3504-12                         | /557                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ** 2N6802U                     | 1C           | CDWR                                         | 19500-2705-10                         | /557                 | D                            | 43611                                              | Microsemi Lawrence (14)                 |
| ++ 2N6802U                     | 1C           | CCBS                                         | 19500-1261-83                         | /557                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6802U                     | 1C           | CCBS                                         | 19500-1675-06                         | /557                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| JANHCA 2N6804                  |              | CCBS                                         | 19500-856-92                          | /562                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6804                      | 1C           | CCBS                                         | 19500-302-02                          | /562                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6804                      | 1C           | CCBS                                         | 19500-1464-05                         | /562                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ** 2N6804                      | 0            | CDWR                                         | 19500-1894-07                         | /562                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANHCA 2N6806                  |              | CCBS                                         | 19500-855-92                          | /562                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6806                      | 1C           | CCBS                                         | 19500-503-91                          | /562                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6845                      | 1B           | CCBS                                         | 19500-386-03                          | /563                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| S 2N6845                       | 1B           | CCBS                                         | 19500-393-03                          | /563                 | D                            | 69210                                              | International Rectifier Corporation (2) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ++ 2N6845                      | 1B           | CCBS                                         | 19500-1464-05                         | /563                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| JANHCA 2N6845                  |              | CCBS                                         | 19500-856-92                          | /563                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6845U                     | 1B           | CCBS                                         | 19500-1675-06                         | /563                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ++ 2N6845U                     | 1B           | CCBS                                         | 19500-436-03                          | /563                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| JANHCA 2N6847                  |              | CCBS                                         | 19500-855-92                          | /563                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6847                      | 1B           | CCBS                                         | 19500-386-03                          | /563                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6847U                     | 1B           | CCBS                                         | 19500-1461-05                         | /563                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ++ 2N6847U                     | 1B           | CCBS                                         | 19500-1675-06                         | /563                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ++ 2N6847U                     | 1B           | CCBS                                         | 19500-1094-86                         | /563                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6849                      | 1C           | CCBS                                         | 19500-386-03                          | /564                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6849                      | 1C           | CCBS                                         | 19500-1464-05                         | /564                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| S 2N6849                       | 1C           | CCBS                                         | 19500-393-03                          | /564                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANKCA 2N6849                  |              | CCBS                                         | 19500-131-02                          | /564                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| ** 2N6849                      | 1C           | CDWR                                         | 19500-2662-09                         | /564                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANHCA 2N6849                  |              | CCBS                                         | 19500-856-92                          | /564                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| S 2N6849                       | 1C           | CDWR                                         | 19500-2632-09                         | /564                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 2N6849U                      | 1C           | CCBS                                         | 19500-436-03                          | /564                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ** 2N6849U                     | 1C           | CDWR                                         | 19500-2596-09                         | /564                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 2N6849U                      | 1C           | CDWR                                         | 19500-2632-09                         | /564                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ++ 2N6849U                     | 1C           | CCBS                                         | 19500-436-03                          | /564                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6849U                     | 1C           | CCBS                                         | 19500-1675-06                         | /564                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| JANHCA 2N6851                  |              | CCBS                                         | 19500-855-92                          | /564                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| JANKCA 2N6851                  |              | CCBS                                         | 19500-298-95                          | /564                 | D                            | 69210                                              | International Rectifier Corporation (3) |
| ++ 2N6851                      | 1C           | CCBS                                         | 19500-386-03                          | /564                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| S 2N6851                       | 1C           | CCBS                                         | 19500-1738-06                         | /564                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6851U                     | 1C           | CCBS                                         | 19500-1461-05                         | /564                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ++ 2N6851U                     | 1C           | CCBS                                         | 19500-504-91                          | /564                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| S 2N6851U                      | 1C           | CCBS                                         | 19500-436-03                          | /564                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N6851U                     | 1C           | CCBS                                         | 19500-1675-06                         | /564                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ** 2N6901                      | 1A           | CDWR                                         | 19500-2980-10                         | /570                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 2N6987                      | 3A           | CEJJ                                         | 19500-1413-05                         | /558                 | D                            | 34156                                              | Semicoa Corporation (1)                 |
| SF 2N6987                      | 3A           | CEJJ                                         | 19500-1413-05                         | /558                 | D                            | 34156                                              | Semicoa Corporation (1)                 |
| SF 2N6987 6/                   | 2            | CDWR                                         | 19500-3807-13                         | /558                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 2N6987 6/                   | 2            | CDWR                                         | 19500-3807-13                         | /558                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 2N6987 6/                    | 2            | CDWR                                         | 19500-3807-13                         | /558                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 2N6987U 6/                   | 2            | CDWR                                         | 19500-3807-13                         | /558                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| SF 2N6987U 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /558                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 2N6987U 6/                  | 2            | CDWR                                         | 19500-3807-13                         | /558                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 2N6988                      | 3A           | CEJJ                                         | 19500-1413-05                         | /558                 | D                            | 34156                                              | Semicoa Corporation (1)                 |
| SF 2N6988                      | 3A           | CEJJ                                         | 19500-1413-05                         | /558                 | D                            | 34156                                              | Semicoa Corporation (1)                 |
| ** 2N6988 6/                   | 2            | CDWR                                         | 19500-3807-13                         | /558                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| S 2N6988 6/                    | 2            | CDWR                                         | 19500-3807-13                         | /558                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| SF 2N6988 6/                   | 2            | CDWR                                         | 19500-3807-13                         | /558                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 2N6989                      | 3B           | CDWR                                         | 19500-1722-06                         | /559                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 2N6989                       | 3B           | CDWR                                         | 19500-1722-06                         | /559                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 2N6989                      | 3B           | CDWR                                         | 19500-206-95                          | /559                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 2N6989                      | 3A           | CEJJ                                         | 19500-1463-05                         | /559                 | D                            | 34156                                              | Semicoa Corporation (1)                 |
| SR 2N6989                      | 3A           | CEJJ                                         | 19500-1463-05                         | /559                 | D                            | 34156                                              | Semicoa Corporation (1)                 |
| S 2N6989U                      | 3B           | CDWR                                         | 19500-1722-06                         | /559                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 2N6989U                     | 3B           | CDWR                                         | 19500-118-00                          | /559                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 2N6989U                     | 3B           | CDWR                                         | 19500-1722-06                         | /559                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 2N6990                      | 3B           | CDWR                                         | 19500-114-96                          | /559                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| SR 2N6990                      | 3A           | CEJJ                                         | 19500-1463-05                         | /559                 | D                            | 34156                                              | Semicoa Corporation (1)                 |
| S 2N6990                       | 3B           | CDWR                                         | 19500-1722-06                         | /559                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 2N6990                      | 3B           | CDWR                                         | 19500-1722-06                         | /559                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 2N6990                      | 3A           | CEJJ                                         | 19500-1463-05                         | /559                 | D                            | 34156                                              | Semicoa Corporation (1)                 |
| S 2N6990                       | 3B           | CDWR                                         | 19500-154-00                          | /559                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ++ 2N7218                      | 2            | CCBS                                         | 19500-1465-05                         | /596                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| JANHCA 2N7218                  |              | CCBS                                         | 19500-857-92                          | /596                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N7218                      | 2            | CCBS                                         | 19500-301-02                          | /596                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N7218U                     | 2            | CCBS                                         | 19500-703-91                          | /596                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N7218U                     | 2            | CCBS                                         | 19500-1465-05                         | /596                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ++ 2N7219                      | 2            | CCBS                                         | 19500-305-02                          | /596                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| JANHCA 2N7219                  |              | CCBS                                         | 19500-858-92                          | /596                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| JANKCA 2N7219                  |              | CCBS                                         | 19500-2968-10                         | /596                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N7219                      | 2            | CCBS                                         | 19500-1459-05                         | /596                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ++ 2N7219U                     | 2            | CCBS                                         | 19500-1459-05                         | /596                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ++ 2N7219U                     | 2            | CCBS                                         | 19500-447-03                          | /596                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N7221                      | 2            | CCBS                                         | 19500-703-91                          | /596                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| JANHCA 2N7221                  |              | CCBS                                         | 19500-859-92                          | /596                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N7221U                     | 2            | CCBS                                         | 19500-1364-05                         | /596                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| JANHCA 2N7222                  |              | CCBS                                         | 19500-859-92                          | /596                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N7222                      | 2            | CCBS                                         | 19500-378-03                          | /596                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N7222U                     | 2            | CCBS                                         | 19500-1364-05                         | /596                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| JANHCA 2N7224                  |              | CCBS                                         | 19500-857-92                          | /592                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ** 2N7224                      | 1C           | CDWR                                         | 19500-2458-09                         | /592                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ++ 2N7224                      | 3A           | CCBS                                         | 19500-1465-05                         | /592                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ++ 2N7224                      | 3A           | CCBS                                         | 19500-301-02                          | /592                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N7224U                     | 3A           | CCBS                                         | 19500-1465-05                         | /592                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ++ 2N7224U                     | 3A           | CCBS                                         | 19500-703-91                          | /592                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ** 2N7224U                     | 1C           | CDWR                                         | 19500-2458-09                         | /592                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ++ 2N7225                      | 3A           | CCBS                                         | 19500-305-02                          | /592                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N7225                      | 3A           | CCBS                                         | 19500-1459-05                         | /592                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| JANHCA 2N7225                  |              | CCBS                                         | 19500-858-92                          | /592                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ** 2N7225                      | 2            | CDWR                                         | 19500-2619-09                         | /592                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ++ 2N7225U                     | 3A           | CCBS                                         | 19500-1459-05                         | /592                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ++ 2N7225U                     | 3A           | CCBS                                         | 19500-447-03                          | /592                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ** 2N7225U                     | 2            | CDWR                                         | 19500-2619-09                         | /592                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ** 2N7227                      | 1B           | CDWR                                         | 19500-2122-08                         | /592                 | D                            | 43611                                              | Microsemi Lawrence (14)                 |
| ++ 2N7227                      | 3A           | CCBS                                         | 19500-703-91                          | /592                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| JANHCA 2N7227                  |              | CCBS                                         | 19500-859-92                          | /592                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ** 2N7227U                     | 1B           | CDWR                                         | 19500-2122-08                         | /592                 | D                            | 43611                                              | Microsemi Lawrence (14)                 |
| ++ 2N7227U                     | 3A           | CCBS                                         | 19500-1364-05                         | /592                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| JANHCA 2N7228                  |              | CCBS                                         | 19500-859-92                          | /592                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N7228                      | 3A           | CCBS                                         | 19500-378-03                          | /592                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ** 2N7228                      | 1B           | CDWR                                         | 19500-2122-08                         | /592                 | D                            | 43611                                              | Microsemi Lawrence (14)                 |
| ++ 2N7228U                     | 3A           | CCBS                                         | 19500-1364-05                         | /592                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ** 2N7228U                     | 1B           | CDWR                                         | 19500-2122-08                         | /592                 | D                            | 43611                                              | Microsemi Lawrence (14)                 |
| ** 2N7236                      | 1C           | CDWR                                         | 19500-3369-11                         | /595                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANHCA 2N7236                  |              | CCBS                                         | 19500-856-92                          | /595                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| JANHCB 2N7236                  |              | CDWR                                         | 19500-2144-08                         | /595                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANKCA 2N7236                  |              | CCBS                                         | 19500-830-92                          | /595                 | D                            | 69210                                              | International Rectifier Corporation (3) |
| ++ 2N7236                      | 2            | CCBS                                         | 19500-1464-05                         | /595                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ++ 2N7236                      | 2            | CCBS                                         | 19500-503-91                          | /595                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| S 2N7236                       | 2            | CCBS                                         | 19500-620-03                          | /595                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| ++ 2N7236U                     | 2            | CCBS                                         | 19500-447-03                          | /595                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ** 2N7236U                     | 1C           | CDWR                                         | 19500-2144-08                         | /595                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| S 2N7236U                      | 2            | CCBS                                         | 19500-447-03                          | /595                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N7236U                     | 2            | CCBS                                         | 19500-1464-05                         | /595                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ++ 2N7237                      | 2            | CCBS                                         | 19500-503-91                          | /595                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| JANHCA 2N7237                  |              | CCBS                                         | 19500-855-92                          | /595                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| JANKCA 2N7237                  |              | CCBS                                         | 19500-107-94                          | /595                 | D                            | 69210                                              | International Rectifier Corporation (3) |
| S 2N7237                       | 2            | CCBS                                         | 19500-447-03                          | /595                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| S 2N7237U                      | 2            | CCBS                                         | 19500-447-03                          | /595                 | D                            | 69210                                              | International Rectifier Corporation (1) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ++ 2N7237U                     | 2            | CCBS                                         | 19500-447-03                          | /595                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N7237U                     | 2            | CCBS                                         | 19500-1461-05                         | /595                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| V 2N7261                       | 1B           | CEJJ                                         | 19500-3681-13                         | /601                 | D                            | 34156                                              | Semicoa Corporation (2)                 |
| JANHCBF 2N7261                 |              | CDWR                                         | 19500-2876-10                         | /657                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANKCBF 2N7261                 |              | CDWR                                         | 19500-2876-10                         | /657                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANKCAH 2N7261                 |              | CCBS                                         | 19500-038-93                          | /657                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VH 2N7261                      | 1C           | CCBS                                         | 19500-402-03                          | /601                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7261                      | 1C           | CCBS                                         | 19500-402-03                          | /601                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7261                      | 2            | CDWR                                         | 19500-2876-10                         | /601                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| SF 2N7261U                     | 2            | CDWR                                         | 19500-2876-10                         | /601                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| VH 2N7261U                     | 1C           | CCBS                                         | 19500-869-04                          | /601                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7261U                     | 1C           | CCBS                                         | 19500-869-04                          | /601                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7262                      | 1C           | CCBS                                         | 19500-517-03                          | /601                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VH 2N7262                      | 1C           | CCBS                                         | 19500-517-03                          | /601                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7262                      | 2            | CDWR                                         | 19500-2877-10                         | /601                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANHCBF 2N7262                 |              | CDWR                                         | 19500-2877-10                         | /657                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANKCBF 2N7262                 |              | CDWR                                         | 19500-2877-10                         | /657                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANKCAH 2N7262                 |              | CCBS                                         | 19500-196-93                          | /657                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VH 2N7262U                     | 1C           | CCBS                                         | 19500-467-03                          | /601                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7262U                     | 1C           | CCBS                                         | 19500-467-03                          | /601                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7262U                     | 2            | CDWR                                         | 19500-2877-10                         | /601                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| VH 2N7268                      | 1C           | CCBS                                         | 19500-837-04                          | /603                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANHCBF 2N7268                 |              | CDWR                                         | 19500-2876-10                         | /657                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| SF 2N7268                      | 2            | CDWR                                         | 19500-2876-10                         | /603                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANKCAH 2N7268                 |              | CCBS                                         | 19500-223-93                          | /657                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANKCBF 2N7268                 |              | CDWR                                         | 19500-2876-10                         | /657                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| SH 2N7268                      | 1C           | CCBS                                         | 19500-837-04                          | /603                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7268U                     | 2            | CDWR                                         | 19500-2876-10                         | /603                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| SH 2N7268U                     | 1C           | CCBS                                         | 19500-588-03                          | /603                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VH 2N7268U                     | 1C           | CCBS                                         | 19500-588-03                          | /603                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7269                      | 1C           | CCBS                                         | 19500-387-03                          | /603                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANKCAH 2N7269                 |              | CCBS                                         | 19500-194-93                          | /657                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VR 2N7269                      | 1C           | CCBS                                         | 19500-387-03                          | /603                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANKCBF 2N7269                 |              | CDWR                                         | 19500-2877-10                         | /657                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANHCBF 2N7269                 |              | CDWR                                         | 19500-2877-10                         | /657                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| SR 2N7269                      | 1C           | CCBS                                         | 19500-387-03                          | /603                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7269                      | 2            | CDWR                                         | 19500-2877-10                         | /603                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| SF 2N7269U                     | 2            | CDWR                                         | 19500-2877-10                         | /603                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| VH 2N7269U                     | 1C           | CCBS                                         | 19500-384-03                          | /603                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7269U                     | 1C           | CCBS                                         | 19500-384-03                          | /603                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| ** 2N7270                      | 1C           | CEJJ                                         | 19500-3480-12                         | /603                 | D                            | 34156                                              | Semicoa Corporation (2)                 |
| VH 2N7270                      | 1C           | CCBS                                         | 19500-423-03                          | /603                 | D                            | 69210                                              | International Rectifier Corporation (3) |
| JANKCAH 2N7270                 |              | CCBS                                         | 19500-046-95                          | /657                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7270                      | 1C           | CCBS                                         | 19500-423-03                          | /603                 | D                            | 69210                                              | International Rectifier Corporation (3) |
| SH 2N7270U                     | 1C           | CCBS                                         | 19500-429-03                          | /603                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VH 2N7270U                     | 1C           | CCBS                                         | 19500-429-03                          | /603                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| ** 2N7334                      | 1B           | CDWR                                         | 19500-3101-11                         | /597                 | S                            | 43611                                              | Microsemi Lawrence (11)                 |
| ++ 2N7334                      | 1A           | CCBS                                         | 19500-408-03                          | /597                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N7334                      | 1A           | CCBS                                         | 19500-1569-06                         | /597                 | D                            | 69210                                              | Microsemi Lawrence (11)                 |
| ++ 2N7335                      | 1A           | CCBS                                         | 19500-1569-06                         | /599                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ++ 2N7335                      | 1A           | CCBS                                         | 19500-408-03                          | /599                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ** 2N7335                      | 1A           | CDWR                                         | 19500-3369-11                         | /599                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| ++ 2N7336                      | 1A           | CCBS                                         | 19500-408-03                          | /598                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| ++ 2N7336                      | 1A           | CCBS                                         | 19500-1569-06                         | /598                 | D                            | 69210                                              | International Rectifier Corporation (8) |
| ** 2N7368                      | 3A           | CDWR                                         | 19500-269-02                          | /622                 | D                            | 43611                                              | Microsemi Lawrence (3)                  |
| ** 2N7369                      | 3B           | CDWR                                         | 19500-2728-10                         | /621                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 2N7370                      | 3A           | CDWR                                         | 19500-967-04                          | /624                 | D                            | 43611                                              | Microsemi Lawrence (3)                  |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| ** 2N7371                      | 3A           | CDWR                                         | 19500-076-96                          | /623                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 2N7371                      | 3B           | CDWR                                         | 19500-1875-07                         | /623                 | D                            | 43611                                              | Microsemi Lawrence (3)                  |
| S 2N7372                       | 3A           | CDWR                                         | 19500-1242-05                         | /612                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 2N7372                      | 3A           | CDWR                                         | 19500-1242-05                         | /612                 | D                            | 43611                                              | Microsemi Lawrence (1)                  |
| ** 2N7373                      | 3B           | CDWR                                         | 19500-1973-07                         | /613                 | D                            | 43611                                              | Microsemi Lawrence (3)                  |
| SF 2N7373                      | 3B           | CDWR                                         | 19500-2197-08                         | /613                 | D                            | 43611                                              | Microsemi Lawrence (3)                  |
| JANKCBF 2N7380                 |              | CDWR                                         | 19500-2876-10                         | /657                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| SH 2N7380                      | 1C           | CCBS                                         | 19500-538-03                          | /614                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANHCBF 2N7380                 |              | CDWR                                         | 19500-2876-10                         | /657                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANKCAH 2N7380                 |              | CCBS                                         | 19500-285-96                          | /657                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VH 2N7380                      | 1C           | CCBS                                         | 19500-538-03                          | /614                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7380                      | 2            | CDWR                                         | 19500-2876-10                         | /614                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANKCAH 2N7381                 |              | CCBS                                         | 19500-286-96                          | /657                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANHCBF 2N7381                 |              | CDWR                                         | 19500-2877-10                         | /657                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| SF 2N7381                      | 2            | CDWR                                         | 19500-2877-10                         | /614                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANKCBF 2N7381                 |              | CDWR                                         | 19500-2877-10                         | /657                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| VF 2N7381                      | 1C           | CCBS                                         | 19500-2053-07                         | /614                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7381                      | 1C           | CCBS                                         | 19500-2053-07                         | /614                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANKCBF 2N7382                 |              | CDWR                                         | 19500-2632-09                         | /657                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANKCAF 2N7382                 |              | CCBS                                         | 19500-091-98                          | /657                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7382                      | 1C           | CDWR                                         | 19500-2632-09                         | /615                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| VF 2N7382                      | 1C           | CCBS                                         | 19500-440-03                          | /615                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7382                      | 1C           | CCBS                                         | 19500-440-03                          | /615                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANHCBF 2N7382                 |              | CDWR                                         | 19500-2632-09                         | /657                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANKCAF 2N7383                 |              | CCBS                                         | 19500-093-98                          | /615                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7389                      | 1C           | CCBS                                         | 19500-2089-08                         | /630                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANKCBF 2N7389                 |              | CDWR                                         | 19500-2632-09                         | /657                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| JANKCAF 2N7389                 |              | CCBS                                         | 19500-156-97                          | /657                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VF 2N7389                      | 1C           | CCBS                                         | 19500-2089-08                         | /630                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANHCBF 2N7389                 |              | CDWR                                         | 19500-2632-09                         | /657                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| SF 2N7389                      | 1C           | CDWR                                         | 19500-2632-09                         | /630                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| SF 2N7389U                     | 1C           | CCBS                                         | 19500-2089-08                         | /630                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7389U                     | 1C           | CDWR                                         | 19500-2632-09                         | /630                 | D                            | 43611                                              | Microsemi Lawrence (11)                 |
| VF 2N7389U                     | 1C           | CCBS                                         | 19500-2089-08                         | /630                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VF 2N7390                      | 1C           | CCBS                                         | 19500-2089-08                         | /630                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7390                      | 1C           | CCBS                                         | 19500-2089-08                         | /630                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANKCAF 2N7390                 |              | CCBS                                         | 19500-093-98                          | /657                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VF 2N7390U                     | 1C           | CCBS                                         | 19500-2089-08                         | /630                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7390U                     | 1C           | CCBS                                         | 19500-2089-08                         | /630                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VR 2N7391                      | 3B           | CCBS                                         | 19500-412-03                          | /661                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANHCAR 2N7391                 |              | CCBS                                         | 19500-412-03                          | /661                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7391                      | 3B           | CCBS                                         | 19500-412-03                          | /661                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANKCAR 2N7391                 |              | CCBS                                         | 19500-412-03                          | /661                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7392                      | 3B           | CCBS                                         | 19500-2485-09                         | /661                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7394                      | 1C           | CCBS                                         | 19500-512-03                          | /603                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANKCAH 2N7394                 |              | CCBS                                         | 19500-402-97                          | /657                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VH 2N7394                      | 1C           | CCBS                                         | 19500-512-03                          | /603                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VH 2N7394U                     | 1C           | CCBS                                         | 19500-422-03                          | /603                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7394U                     | 1C           | CCBS                                         | 19500-422-03                          | /603                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANKCAF 2N7422                 | 3A           | CCBS                                         | 19500-2814-10                         | /657                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VF 2N7422                      | 2            | CCBS                                         | 19500-432-03                          | /662                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7422                      | 2            | CCBS                                         | 19500-432-03                          | /662                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANHCAF 2N7422                 | 3A           | CCBS                                         | 19500-2814-10                         | /657                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VF 2N7422U                     | 2            | CCBS                                         | 19500-900-04                          | /662                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7422U                     | 2            | CCBS                                         | 19500-900-04                          | /662                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7423                      | 2            | CCBS                                         | 19500-410-03                          | /662                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VF 2N7423                      | 2            | CCBS                                         | 19500-410-03                          | /662                 | D                            | 69210                                              | International Rectifier Corporation (2) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| SF 2N7423U                     | 2            | CCBS                                         | 19500-1119-05                         | /662                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VF 2N7423U                     | 2            | CCBS                                         | 19500-1119-05                         | /662                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VF 2N7424                      | 3A           | CCBS                                         | 19500-1050-06                         | /660                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7424                      | 3A           | CCBS                                         | 19500-449-03                          | /660                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VF 2N7424U                     | 3A           | CCBS                                         | 19500-156-97                          | /655                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7424U                     | 3A           | CCBS                                         | 19500-1050-04                         | /655                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7425                      | 3A           | CCBS                                         | 19500-432-03                          | /660                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VF 2N7425                      | 3A           | CCBS                                         | 19500-432-03                          | /660                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANKCAR 2N7425 3/              |              | CCBS                                         | 19500-432-03                          | /660                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VF 2N7425U                     | 3A           | CCBS                                         | 19500-879-04                          | /660                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7425U                     | 3A           | CCBS                                         | 19500-879-04                          | /655                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7426                      | 3A           | CCBS                                         | 19500-410-03                          | /660                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VF 2N7426                      | 3A           | CCBS                                         | 19500-410-03                          | /660                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VF 2N7426U                     | 3A           | CCBS                                         | 19500-1119-05                         | /655                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SF 2N7426U                     | 3A           | CCBS                                         | 19500-1119-05                         | /655                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VH 2N7431                      | 3B           | CCBS                                         | 19500-512-03                          | /663                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7431                      | 3B           | CCBS                                         | 19500-512-03                          | /663                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VH 2N7431U                     | 3B           | CCBS                                         | 19500-422-03                          | /664                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7431U                     | 3B           | CCBS                                         | 19500-422-03                          | /664                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VH 2N7432                      | 3B           | CCBS                                         | 19500-837-04                          | /663                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7432                      | 3B           | CCBS                                         | 19500-837-04                          | /663                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VH 2N7432U                     | 3B           | CCBS                                         | 19500-588-03                          | /664                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7432U                     | 3B           | CCBS                                         | 19500-588-03                          | /664                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VH 2N7433                      | 3B           | CCBS                                         | 19500-384-03                          | /663                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7433                      | 3B           | CCBS                                         | 19500-194-93                          | /663                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7433U                     | 3B           | CCBS                                         | 19500-384-03                          | /664                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VH 2N7433U                     | 3B           | CCBS                                         | 19500-384-03                          | /664                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| ** 2N7434                      | 3B           | CCBS                                         | 19500-2242-08                         | /661                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANHC 2N7434                   | 3B           | CCBS                                         | 19500-2242-08                         | /661                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7434                      | 3B           | CCBS                                         | 19500-2242-08                         | /661                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANKC 2N7434                   | 3B           | CCBS                                         | 19500-2242-08                         | /661                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7463T2 3/                 | 1C           | CCBS                                         | 19500-3166-11                         | /675                 | D                            | 69210                                              | International Rectifier Corporation (3) |
| SR 2N7464T2                    | 1C           | CCBS                                         | 19500-518-03                          | /675                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VR 2N7464T2                    | 1C           | CCBS                                         | 19500-518-03                          | /675                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VR 2N7465U3                    | 1C           | CCBS                                         | 19500-459-03                          | /676                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7465U3                    | 1C           | CCBS                                         | 19500-459-03                          | /676                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7467U2                    | 3B           | CCBS                                         | 19500-756-03                          | /683                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7467U2                    | 3B           | CCBS                                         | 19500-2695-10                         | /683                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| VR 2N7467U2                    | 3B           | CCBS                                         | 19500-756-03                          | /683                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7468U2                    | 3B           | CCBS                                         | 19500-734-03                          | /673                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7468U2                    | 3B           | CCBS                                         | 19500-2784-10                         | /673                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| VR 2N7468U2                    | 3B           | CCBS                                         | 19500-734-03                          | /673                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VH 2N7469U                     | 3B           | CCBS                                         | 19500-384-03                          | /673                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VH 2N7469U2                    | 3B           | CCBS                                         | 19500-736-03                          | /673                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7469U2                    | 3B           | CCBS                                         | 19500-2607-09                         | /673                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SH 2N7469U2                    | 3B           | CCBS                                         | 19500-736-03                          | /673                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7470T1                    | 3B           | CCBS                                         | 19500-2206-08                         | /698                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7470T1                    | 3A           | CCBS                                         | 19500-2627-09                         | /698C                | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7470T1                    | 3B           | CCBS                                         | 19500-734-03                          | /698                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VR 2N7470T1                    | 3B           | CCBS                                         | 19500-734-03                          | /698                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7471T1                    | 3B           | CCBS                                         | 19500-736-03                          | /698                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VH 2N7471T1                    | 3B           | CCBS                                         | 19500-736-03                          | /698                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7471T1                    | 3B           | CCBS                                         | 19500-2607-09                         | /698                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7472U2                    | 3B           | CCBS                                         | 19500-2787-10                         | /684                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| VR 2N7472U2                    | 3B           | CCBS                                         | 19500-760-04                          | /684                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SR 2N7472U2                    | 3B           | CCBS                                         | 19500-760-04                          | /684                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| VR 2N7473U2                    | 3B           | CCBS                                         | 19500-669-03                          | /684                 | D                            | 69210                                              | International Rectifier Corporation (5) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| SR 2N7473U2                    | 3B           | CCBS                                         | 19500-2684-09                         | /684                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7473U2                    | 3B           | CCBS                                         | 19500-669-03                          | /684                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SR 2N7474U2                    | 3B           | CCBS                                         | 19500-926-04                          | /684                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7474U2                    | 3A           | CCBS                                         | 19500-3125-11                         | /684                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| VR 2N7474U2                    | 3B           | CCBS                                         | 19500-926-04                          | /684                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VR 2N7475T1                    | 3B           | CCBS                                         | 19500-760-04                          | /685                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SR 2N7475T1                    | 3B           | CCBS                                         | 19500-2878-10                         | /685                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7475T1                    | 3B           | CCBS                                         | 19500-760-04                          | /685                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SR 2N7476T1                    | 3B           | CCBS                                         | 19500-669-03                          | /685                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SF 2N7476T1                    | 3B           | CCBS                                         | 19500-2727-10                         | /685                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| VR 2N7476T1                    | 3B           | CCBS                                         | 19500-669-03                          | /685                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| VR 2N7477T1                    | 3B           | CCBS                                         | 19500-926-04                          | /685                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7477T1                    | 3B           | CCBS                                         | 19500-3125-11                         | /685                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SF 2N7478T1                    | 3B           | CCBS                                         | 19500-756-03                          | /697                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VR 2N7478T1                    | 3B           | CCBS                                         | 19500-756-03                          | /697                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7479U3                    | 1C           | CCBS                                         | 19500-756-03                          | /703                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VR 2N7479U3                    | 1C           | CCBS                                         | 19500-756-03                          | /703                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7479U3                    | 1C           | CCBS                                         | 19500-2636-09                         | /703                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7480U3                    | 1C           | CCBS                                         | 19500-2719-10                         | /703                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7480U3                    | 1C           | CCBS                                         | 19500-734-03                          | /703                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VR 2N7480U3                    | 1C           | CCBS                                         | 19500-734-03                          | /703                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7480U3                    | 1C           | CCBS                                         | 19500-2719-10                         | /703                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SH 2N7481U3                    | 1C           | CCBS                                         | 19500-736-03                          | /703                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VH 2N7481U3                    | 1C           | CCBS                                         | 19500-736-03                          | /703                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7481U3                    | 1C           | CCBS                                         | 19500-2607-09                         | /703                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7482T3                    | 1C           | CCBS                                         | 19500-756-03                          | /702                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7482T3                    | 1C           | CCBS                                         | 19500-2369-09                         | /702                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| VR 2N7482T3                    | 1C           | CCBS                                         | 19500-756-03                          | /702                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7483T3                    | 1C           | CCBS                                         | 19500-2758-10                         | /702                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SG 2N7483T3                    | 1C           | CCBS                                         | 19500-734-03                          | /702                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VR 2N7483T3                    | 1C           | CCBS                                         | 19500-734-03                          | /702                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANHCAH 2N7484                 |              | CCBS                                         | 19500-736-03                          | /741                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANKCAH 2N7484                 |              | CCBS                                         | 19500-736-03                          | /741                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| JANKCAH 2N7484                 |              | CCBS                                         | 19500-2769-10                         | /741                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SH 2N7484T3                    | 1C           | CCBS                                         | 19500-2769-10                         | /702                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SH 2N7484T3                    | 1C           | CCBS                                         | 19500-736-03                          | /702                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VH 2N7484T3                    | 1C           | CCBS                                         | 19500-736-03                          | /702                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7485U3                    | 1C           | CCBS                                         | 19500-760-04                          | /704                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| VR 2N7485U3                    | 1C           | CCBS                                         | 19500-760-04                          | /704                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SR 2N7485U3                    | 1C           | CCBS                                         | 19500-2765-10                         | /704                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| VR 2N7486U3                    | 1C           | CCBS                                         | 19500-669-03                          | /704                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SR 2N7486U3                    | 1C           | CCBS                                         | 19500-669-03                          | /704                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SR 2N7486U3                    | 1C           | CCBS                                         | 19500-2693-10                         | /704                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| VR 2N7486U3                    | 1C           | CCBS                                         | 19500-2693-10                         | /704                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7488T3                    | 1C           | CCBS                                         | 19500-2765-10                         | /705                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| VR 2N7488T3                    | 1C           | CCBS                                         | 19500-760-04                          | /705                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SR 2N7488T3                    | 1C           | CCBS                                         | 19500-760-04                          | /705                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SR 2N7489T3                    | 1C           | CCBS                                         | 19500-2639-09                         | /705                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| VR 2N7489T3                    | 1C           | CCBS                                         | 19500-669-03                          | /705                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SR 2N7489T3                    | 1C           | CCBS                                         | 19500-669-03                          | /705                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| VR 2N7489T3                    | 1C           | CCBS                                         | 19500-2639-09                         | /705                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7491T2                    | 1C           | CCBS                                         | 19500-756-03                          | /701                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VR 2N7491T2                    | 1C           | CCBS                                         | 19500-756-03                          | /701                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VR 2N7492T2                    | 1C           | CCBS                                         | 19500-734-03                          | /701                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7492T2                    | 1C           | CCBS                                         | 19500-734-03                          | /701                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7493T2                    | 1C           | CCBS                                         | 19500-2607-09                         | /701                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SH 2N7493T2                    | 1C           | CCBS                                         | 19500-736-03                          | /701                 | D                            | 69210                                              | International Rectifier Corporation (2) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| VH 2N7493T2                    | 1C           | CCBS                                         | 19500-736-03                          | /701                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7494U5                    | 1C           | CCBS                                         | 19500-2639-09                         | /700                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7494U5                    | 1C           | CCBS                                         | 19500-756-03                          | /700                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VR 2N7494U5                    | 1C           | CCBS                                         | 19500-756-03                          | /700                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7495U5                    | 1C           | CCBS                                         | 19500-2739-10                         | /700                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| VR 2N7495U5                    | 1C           | CCBS                                         | 19500-734-03                          | /700                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SR 2N7495U5                    | 1C           | CCBS                                         | 19500-734-03                          | /700                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7496U5                    | 1C           | CCBS                                         | 19500-736-03                          | /700                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| VH 2N7496U5                    | 1C           | CCBS                                         | 19500-736-03                          | /700                 | D                            | 69210                                              | International Rectifier Corporation (2) |
| SH 2N7496U5                    | 1C           | CCBS                                         | 19500-2607-09                         | /700                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| VR 2N7497T2                    | 1C           | CCBS                                         | 19500-760-04                          | /706                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SR 2N7497T2                    | 1C           | CCBS                                         | 19500-2765-10                         | /706                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7497T2                    | 1C           | CCBS                                         | 19500-760-04                          | /706                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| VR 2N7498T2                    | 1C           | CCBS                                         | 19500-669-03                          | /706                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| VR 2N7498T2                    | 1C           | CCBS                                         | 19500-2696-10                         | /706                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7498T2                    | 1C           | CCBS                                         | 19500-669-03                          | /706                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SR 2N7498T2                    | 1C           | CCBS                                         | 19500-2696-10                         | /706                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7500U5                    | 1C           | CCBS                                         | 19500-760-04                          | /707                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SR 2N7500U5                    | 1C           | CCBS                                         | 19500-2984-10                         | /707                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| VR 2N7500U5                    | 1C           | CCBS                                         | 19500-760-04                          | /707                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SR 2N7501U5                    | 1C           | CCBS                                         | 19500-3008-10                         | /707                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7501U5                    | 1C           | CCBS                                         | 19500-669-03                          | /707                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| VR 2N7501U5                    | 1C           | CCBS                                         | 19500-669-03                          | /707                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SH 2N7503U8                    | 1A           | CCBS                                         | 19500-2833-10                         | /743                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SH 2N7503U8C                   | 1A           | CCBS                                         | 19500-2833-10                         | /743                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SF 2N7506U8                    | 1A           | CCBS                                         | 19500-2843-10                         | /749                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SF 2N7506U8C                   | 1A           | CCBS                                         | 19500-2843-10                         | /749                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7519T3                    | 1C           | CCBS                                         | 19500-2674-09                         | /732                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7519U3                    | 1C           | CCBS                                         | 19500-2674-09                         | /732                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7520T3                    | 1C           | CCBS                                         | 19500-2411-08                         | /732                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7520U3                    | 1C           | CCBS                                         | 19500-2669-09                         | /732                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SG 2N7520U3C                   | 1C           | CCBS                                         | 19500-2854-10                         | /732                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SF 2N7523T1                    | 3A           | CCBS                                         | 19500-2977-10                         | /733                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SF 2N7524T1                    | 3A           | CCBS                                         | 19500-2676-09                         | /733                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7524U2                    | 3A           | CCBS                                         | 19500-2675-09                         | /733                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| JANKCAR 2N7545                 |              | CCBS                                         | 19500-2598-09                         | /741                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| JANHCAR 2N7545                 |              | CCBS                                         | 19500-2598-09                         | /741                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7545U3                    | 1C           | CCBS                                         | 19500-2598-09                         | /712                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7545U3                    | 1C           | CCBS                                         | 19500-922-04                          | /712                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| VR 2N7545U3                    | 1C           | CCBS                                         | 19500-922-04                          | /712                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SH 2N7546U3                    | 1C           | CCBS                                         | 19500-2130-08                         | /712                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7547T3                    | 1C           | CCBS                                         | 19500-2598-09                         | /712                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| VR 2N7547T3                    | 1C           | CCBS                                         | 19500-922-04                          | /712                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SR 2N7547T3                    | 1C           | CCBS                                         | 19500-922-04                          | /712                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| VR 2N7548T3                    | 1C           | CCBS                                         | 19500-2699-10                         | /712                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7548T3                    | 1C           | CCBS                                         | 19500-2699-10                         | /712                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7549T1                    | 3A           | CCBS                                         | 19500-2166-08                         | /713                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SH 2N7549T1                    | 3A           | CCBS                                         | 19500-2166-08                         | /713                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SF 2N7549T1                    | 3A           | CCBS                                         | 19500-2166-08                         | /713                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SF 2N7549T1                    | 3A           | CCBS                                         | 19500-2520-09                         | /713                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7549U2                    | 3A           | CCBS                                         | 19500-2713-10                         | /713                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7550T1                    | 3A           | CCBS                                         | 19500-2715-10                         | /713                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| VR 2N7550T1                    | 3A           | CCBS                                         | 19500-1418-05                         | /713                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SR 2N7550T1                    | 3A           | CCBS                                         | 19500-1418-05                         | /713                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SF 2N7550T1 3/                 | 3A           | CCBS                                         | 19500-2531-09                         | /713                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SR 2N7550U2                    | 3A           | CCBS                                         | 19500-2675-10                         | /713                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7550U2 3/                 | 3A           | CCBS                                         | 19500-2007-07                         | /713                 | D                            | 69210                                              | International Rectifier Corporation (5) |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                         |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|-----------------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                         |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT)          |
| SF 2N7550U2 3/                 | 3A           | CCBS                                         | 19500-2007-07                         | /713                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SR 2N7555U3 6/                 | 1C           | CCBS                                         | 19500-3792-13                         | /704                 | D                            | 60211                                              | International Rectifier Corporation (1) |
| SR 2N7555U3 6/                 | 1C           | CCBS                                         | 19500-3792-13                         | /704                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7586T1                    | 2            | CCBS                                         | 19500-2672-09                         | /753                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SF 2N7586T1                    | 2            | CCBS                                         | 19500-3195-11                         | /753                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SF 2N7587U3                    | 2            | CCBS                                         | 19500-2759-10                         | /746                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SF 2N7587U3C                   | 2            | CCBS                                         | 19500-2759-10                         | /746                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SF 2N7589U3                    | 2            | CCBS                                         | 19500-3396-12                         | /746                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7589U3                    | 2            | CCBS                                         | 19500-2768-10                         | /746                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SF 2N7589U3C                   | 2            | CCBS                                         | 19500-2714-10                         | /746                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SR 2N7591U3                    | 2            | CCBS                                         | 19500-2850-10                         | /746                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SF 2N7591U3C                   | 2            | CCBS                                         | 19500-2850-10                         | /746                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SF 2N7616UB                    | 0            | CCBS                                         | 19500-3624-12                         | /744                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SF 2N7616UBC                   | 0            | CCBS                                         | 19500-3624-12                         | /744                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SF 2N7616UBCN                  | 0            | CCBS                                         | 19500-3624-12                         | /744                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SF 2N7616UBN                   | 0            | CCBS                                         | 19500-3624-12                         | /744                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SF 2N7626UB                    | 1A           | CCBS                                         | 19500-2700-10                         | /745                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SF 2N7626UBC                   | 1A           | CCBS                                         | 19500-2700-10                         | /745                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SF 2N7626UBCN                  | 1A           | CCBS                                         | 19500-2700-10                         | /745                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SF 2N7626UBCN 3/               | 1A           | CCBS                                         | 19500-2475-10                         | /745                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| SF 2N7626UBN                   | 1A           | CCBS                                         | 19500-2700-10                         | /745                 | D                            | 69210                                              | International Rectifier Corporation (1) |
| SF 2N7626UBN 3/                | 1A           | CCBS                                         | 19500-2475-10                         | /745                 | D                            | 69210                                              | International Rectifier Corporation (5) |
| ** 4N22                        | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| * 4N22                         | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (3)           |
| S 4N22                         | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| S 4N22A                        | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| * 4N22A                        | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (3)           |
| ** 4N22A                       | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| S 4N22U                        | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| ** 4N22U                       | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| ** 4N23                        | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| * 4N23                         | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (3)           |
| S 4N23                         | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| * 4N23A                        | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (3)           |
| ** 4N23A                       | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| S 4N23A                        | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| S 4N23U                        | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| ** 4N23U                       | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| * 4N24                         | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (3)           |
| S 4N24                         | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| ** 4N24                        | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| * 4N24A                        | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (3)           |
| S 4N24A                        | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| ** 4N24A                       | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| S 4N24U                        | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| ** 4N24U                       | 2            | CEJG                                         | 19500-3808-13                         | /486                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| ** 4N47                        | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| * 4N47                         | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (3)           |
| S 4N47                         | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| ** 4N47A                       | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| S 4N47A                        | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| ** 4N47BU                      | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| ** 4N47U                       | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| S 4N47U                        | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |
| * 4N48                         | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (3)           |
| ** 4N48                        | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (1)           |

| PART LISTINGS                  |              |                                              |                                       |                      |                              |                                                    |                                |
|--------------------------------|--------------|----------------------------------------------|---------------------------------------|----------------------|------------------------------|----------------------------------------------------|--------------------------------|
| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFAC-<br>TURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | PRF<br>SPEC<br>SHEET | CERTIFI-<br>CATION<br>STATUS | SUPPLIER'S INFORMATION<br>(ADDRESSES ON LAST PAGE) |                                |
|                                |              |                                              |                                       |                      |                              | MFR. CAGE                                          | SUPPLIER'S NAME (MFR OR PLANT) |
| S 4N48                         | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| ** 4N48A                       | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| S 4N48A                        | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| ** 4N48BU                      | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| S 4N48U                        | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| ** 4N48U                       | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| S 4N49                         | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| * 4N49                         | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (3)  |
| ** 4N49                        | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| S 4N49A                        | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| ** 4N49A                       | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| ** 4N49BU                      | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| ** 4N49U                       | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| S 4N49U                        | 2            | CEJG                                         | 19500-3808-13                         | /548                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| * 4N51                         | 2            | CEJG                                         | 87157-136-01                          | /708                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| * 4N52                         | 2            | CEJG                                         | 87157-136-01                          | /708                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| * 4N53                         | 2            | CEJG                                         | 87157-136-01                          | /708                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| * 4N54                         | 2            | CEJG                                         | 87157-136-01                          | /708                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| + M19500/483-01                | 3B           | CIRL                                         | 19500-3254-11                         | /483                 | D                            | SD633                                              | Microsemi Ireland, Ltd. (2)    |
| + M19500/483-02                | 3B           | CIRL                                         | 19500-3254-11                         | /483                 | D                            | SD633                                              | Microsemi Ireland, Ltd. (2)    |
| + M19500/483-03                | 3B           | CIRL                                         | 19500-3254-11                         | /483                 | D                            | SD633                                              | Microsemi Ireland, Ltd. (2)    |
| + M19500/483-04                | 3B           | CIRL                                         | 19500-3254-11                         | /483                 | D                            | SD633                                              | Microsemi Ireland, Ltd. (2)    |
| ++ M19500/469-01               | 3B           | CIRL                                         | 19500-3432-12                         | /469                 | D                            | SD633                                              | Microsemi Ireland, Ltd. (2)    |
| ++ M19500/469-02               | 3B           | CIRL                                         | 19500-3432-12                         | /469                 | D                            | SD633                                              | Microsemi Ireland, Ltd. (2)    |
| ++ M19500/469-03               | 3B           | CIRL                                         | 19500-3432-12                         | /469                 | D                            | SD633                                              | Microsemi Ireland, Ltd. (2)    |
| ++ M19500/469-04               | 3B           | CIRL                                         | 19500-3432-12                         | /469                 | D                            | SD633                                              | Microsemi Ireland, Ltd. (2)    |
| ++ M19500/469-05               | 3B           | CIRL                                         | 19500-3432-12                         | /469                 | D                            | SD633                                              | Microsemi Ireland, Ltd. (2)    |
| JAN M19500/519-01              | 1A           | CEJG                                         | 19500-1568-06                         | /519                 | D                            | 31757                                              | Micropac Industries, Inc. (3)  |
| JAN M19500/519-01              | 1A           | CEJG                                         | 19500-1706-86                         | /519                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| + M19500/519-02                | 1A           | CEJG                                         | 19500-1568-06                         | /519                 | D                            | 31757                                              | Micropac Industries, Inc. (3)  |
| + M19500/519-02                | 1A           | CEJG                                         | 19500-1706-86                         | /519                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| JAN M19500/519-03              | 1A           | CEJG                                         | 19500-1706-86                         | /519                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| JAN M19500/519-03              | 1A           | CEJG                                         | 19500-1568-06                         | /519                 | D                            | 31757                                              | Micropac Industries, Inc. (3)  |
| + M19500/519-04                | 1A           | CEJG                                         | 19500-1706-86                         | /519                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| + M19500/519-04                | 1A           | CEJG                                         | 19500-1568-06                         | /519                 | D                            | 31757                                              | Micropac Industries, Inc. (3)  |
| JAN M19500/520-01              | 1A           | CEJG                                         | 19500-1568-06                         | /520                 | D                            | 31757                                              | Micropac Industries, Inc. (3)  |
| JAN M19500/520-01              | 1A           | CEJG                                         | 19500-1706-86                         | /520                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| + M19500/520-02                | 1A           | CEJG                                         | 19500-1706-86                         | /520                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| + M19500/520-02                | 1A           | CEJG                                         | 19500-1568-06                         | /520                 | D                            | 31757                                              | Micropac Industries, Inc. (3)  |
| JAN M19500/520-03              | 1A           | CEJG                                         | 19500-1706-86                         | /520                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| JAN M19500/520-03              | 1A           | CEJG                                         | 19500-1568-06                         | /520                 | D                            | 31757                                              | Micropac Industries, Inc. (3)  |
| + M19500/520-04                | 1A           | CEJG                                         | 19500-1706-86                         | /520                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| + M19500/520-04                | 1A           | CEJG                                         | 19500-1568-06                         | /520                 | D                            | 31757                                              | Micropac Industries, Inc. (3)  |
| JAN M19500/521-01              | 1A           | CEJG                                         | 19500-1706-86                         | /521                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| + M19500/521-02                | 1A           | CEJG                                         | 19500-1568-06                         | /521                 | D                            | 31757                                              | Micropac Industries, Inc. (3)  |
| + M19500/521-02                | 1A           | CEJG                                         | 19500-1706-86                         | /521                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| JAN M19500/521-03              | 1A           | CEJG                                         | 19500-1706-86                         | /521                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| JAN M19500/521-03              | 1A           | CEJG                                         | 19500-1568-06                         | /521                 | D                            | 31757                                              | Micropac Industries, Inc. (3)  |
| + M19500/521-04                | 1A           | CEJG                                         | 19500-1706-86                         | /521                 | D                            | 31757                                              | Micropac Industries, Inc. (1)  |
| + M19500/521-04                | 1A           | CEJG                                         | 19500-1568-06                         | /521                 | D                            | 31757                                              | Micropac Industries, Inc. (3)  |

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**Manufacturer and Supplier Location Information**

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**Manufacturer: Aeroflex-Metelics (CAGE Code: 52GC4, Symbol: CHRC)**

Location: 9 Hampshire Street, Lawrence, MA 01840, US

Plants:

1. Plant: Same Address as Manufacturer
2. Aeroflex Metelics (3), Bourns Ltd, Manton Lane, MK417BJ, Bedford, United Kingdom (Date Code Prefix: B)
3. Aeroflex-Metelics (2), Aeroflex Micrometrics (Wafer Fabrication), 55 Grenier Field Road, Londonderry, NH 03053, US (Date Code Prefix: A)
4. Aeroflex-Metelics (4), Texas Instruments Inc., 6412 U.S. Highway 75 South, Sherman, TX 75090, (Date Code Prefix: D)

**Manufacturer: International Rectifier (CAGE Code: 69210, Symbol: CCBS)**

Location: 205 Crawford Street, Leominster, MA 01453, US

Plants:

1. International Rectifier Corporation (1), HEXFET America, 41915 Business Park Drive, Temecula, CA 92590-3696, US
2. International Rectifier Corporation (2), 330 Kansas Street, El Segundo, CA 90245-4435, US
3. International Rectifier Corporation (3), 233 Kansas Street, El Segundo, CA 90245, US
4. International Rectifier Corporation (5), 1521 Grand Avenue, El Segundo, CA 90245, US
5. International Rectifier Corporation (7), Via Liguria 49, 10071 Borgaro (TO), Italy (Wafer Fabrication)
6. International Rectifier Corporation (8), 92345 Prolongacion Avenue, Los Cabos, Tijuana B.C. Mexico (Assembly), HEXFET America, 41915 Business Park Drive, Temecula, CA 92590-3696, (Wafer Fabrication) (Date Code Prefix: M)

**Manufacturer: Micropac Industries, Inc. (CAGE Code: 31757, Symbol: CEJG)**

Location: P.O. Box 469017, 725 E Walnut Street, Garland, TX 75046-9017, US

Plants:

1. Micropac Industries, Inc. (1), 725 E. Walnut St.(Assembly), 903 E. Walnut St. (Wafer Fabrication), Garland, TX 75046-9017, US
2. Micropac Industries, Inc. (3), Inmobiliaria San Jose de Cd Juarez SA de CV  
CV, Calle Honduras 480 Sur, Colonia El Barreal, Cd Juarez Chihuahua, CP 32040, Mexico (Date Code Prefix: M)

**Manufacturer: Microsemi Corporation (B1) (CAGE Code: 12954, Symbol: CCZL)**

Location: 8700 East Thomas Road, Scottsdale, AZ 85251-5073, US

Plants:

1. Plant: Same Address as Manufacturer
2. Microsemi Corporation (B3), 2830 S. Fairview Street, Santa Ana, CA 92704, US (Date Code Prefix: S)

**Manufacturer: Microsemi Ireland, Ltd. (CAGE Code: SD633, Symbol: CIRL)**

Location: Gort Road Industrial Estate, Gort Road, Ennis, County Clare, Ireland

Plants:

1. Plant: Same Address as Manufacturer
2. Microsemi Ireland, Ltd. (2), Microsemi Lawrence (Diode Wafer Fab and Assembly), 6 Lake Street, Lawrence, MA 01841, US

**Manufacturer: Microsemi Lawrence (CAGE Code: 43611, Symbol: CDWR)**

Location: 6 Lake Street, Lawrence, MA 01841-3011, US

Plants:

1. Microsemi Lawrence (1), Same Address as Manufacturer,
2. Microsemi Lawrence (10), Fairchild Semiconductor, 125 Crestwood Road, Mountaintop, PA 18707, US (Date Code Prefix: F)
3. Microsemi Lawrence (11), Microsemi AMSG, 11861 Western Avenue, Garden Grove, CA 92641-2119, US (Date Code Prefix: R)
4. Microsemi Lawrence (13), Microsemi Colorado, 800 Hoyt Street, Broomfield, CO 80020, US (Date Code Prefix: B)
5. Microsemi Lawrence (14), Microsemi-PPG, 405 SW Columbia Street, Bend, OR 97702-1000, US (Date Code Prefix: A)
6. Microsemi Lawrence (15), 8700 E. Thomas Road, Scottsdale, AZ 85251-5073, US (Date Code Prefix: K)
7. Microsemi Lawrence (16), Microsemi-Costa Mesa, 333 McCormick Avenue, Costa Mesa, CA 92626, US (Date Code Prefix: N)
8. Microsemi Lawrence (3), Bourns, Ltd., Manton Lane, MK41 7BJ, Bedford, United Kingdom (Date Code Prefix: E)
9. Microsemi Lawrence (6), General Semiconductor Taiwan, 233 Pao Chiao Road, Hsin Tien, Taipei, Taiwan (Date Code Prefix: T)
10. Microsemi Lawrence (7), Microsemi Watertown, 580 Pleasant Street, Watertown, MA 02172-2497, US (Date Code Prefix: W)
11. Microsemi-CDI (8), 166 Tremont Street, Melrose, MA 02176, US

**Manufacturer: On Semiconductor (CAGE Code: 31471, Symbol: CONP)**

Location: 2300 Buckskin Road, Pocatello, ID 83201, US

Plants:

1. Plant: Same Address as Manufacturer
2. On Semiconductor (2), Millenium Microtech (MMT) (Assembly), Chachoengsao, Thailand, On Semiconductor (ISMF) (Wafer Fabrication), Seremban, Malaysia (Date Code Prefix: T)

**Manufacturer: Semicoa Corporation (CAGE Code: 34156, Symbol: CEJJ)**

Location: 333 McCormick Avenue, Costa Mesa, CA 92626-2613, US

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**Manufacturer and Supplier Location Information**

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**Manufacturer: Semicoa Corporation (CAGE Code: 34156, Symbol: CEJJ)**

Location: 333 McCormick Avenue, Costa Mesa, CA 92626-2613, US

Plants:

1. Plant: Same Address as Manufacturer
2. Semicoa Corporation (2), Tower JAZZ Semiconductor (Wafer Fab), 4321 Jamboree Rd., Newport Beach, CA 92660, (Date Code Prefix: Z)
3. Semicoa Corporation (3), Tong Hsing Electronics (Philippines) Inc. (Assembly), 103 Prosperity Ave., Canlulbang, Calamba City, Calmelray Intern'l Bus Park, Canlulbang, Calamba City, Laguna, Philippines (Date Code Prefix: T)

**Manufacturer: Semitronics Corporation (CAGE Code: 31338, Symbol: CSES)**

Location: 64 Commercial Street, Freeport, NY 11520-2894, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Semtech Corpus Christi S.A. de C.V. (CAGE Code: SH879, Symbol: CDBV)**

Location: Carretera A Matamoros Y Brecha, E-99 Edificio 8, Parque Industrial, CD, Reynosa, Tamps, Mexico

Plants:

1. Plant: Same Address as Manufacturer
2. Semtech Corpus Christi S.A. de C.V. (2), 121 International Boulevard, Corpus Christi, TX 78406, US

**Manufacturer: Sensitron Semiconductor (CAGE Code: 13409, Symbol: CQN)**

Location: 221 West Industry Court, Deer Park, NY 11729, US

**Manufacturer: Siliconix Incorporated (CAGE Code: 17856, Symbol: CDBN)**

Location: 2201 Laurelwood Road, Santa Clara, CA 95054-1593, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Solid State Devices Inc. (CAGE Code: 30043, Symbol: CDVL)**

Location: 14701 Firestone Blvd., La Mirada, CA 90631,

**Manufacturer: Solitron Devices Incorporated (CAGE Code: 21845, Symbol: CDCD)**

Location: 3301 Electronics Way, West Palm Beach, FL 33407-4636, US

Plants:

1. Plant: Same Address as Manufacturer
2. Solitron Devices Incorporated (2), 1177 Blue Heron Boulevard, Riviera Beach, FL 33404, US (Date Code Prefix: R)

**Manufacturer: STMicroelectronics S.A.S. (CAGE Code: F8859, Symbol: CSTM)**

Location: 3, rue de Suisse - CS 60816, F-35208 Rennes Cedex 2, France

Plants:

1. Plant: Same Address as Manufacturer
2. STMicroelectronics (2), STMicroelectronics Pte. Ltd. (Wafer Fab), 28 Ang Mo Kio Industrial Park 2, Singapore (Date Code Prefix: m)

**Manufacturer: Voltage Multipliers Incorporated (CAGE Code: 60211, Symbol: CETH)**

Location: 8711 West Roosevelt Avenue, Visalia, CA 93291-9458, US

Plants:

1. Plant: Same Address as Manufacturer