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| QUALIFICATIONS VALIDATED<br>ANNUALLY |
|--------------------------------------|

QPL-19500-128  
 29 April 1994  
 SUPERSEDING  
 QPL-19500-127  
 31 January 1994

RECEIVED

## QUALIFIED PRODUCTS LIST

OF

FSC 5961

MAY 25 1994

## PRODUCTS QUALIFIED UNDER MILITARY SPECIFICATION

MIL-S-19500

SEMICONDUCTOR DEVICE

GENERAL SPECIFICATION FOR

This list has been prepared for use by or for the Government in the acquisition of products covered by Specification MIL-S-19500. Listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the product as specified in the latest effective issue of the applicable specification. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not release the supplier from compliance with the specification requirements.

THE ACTIVITY RESPONSIBLE FOR THIS QPL IS THE DEFENSE ELECTRONICS SUPPLY CENTER (DESC-ELS), Dayton, OH 45444-5764.

## NOTES:

## 1. The Government designation includes the JAN prefix:

- \* Includes JAN and JANTX product assurance levels
- \*\* Includes JAN, JANTX and JANTXV product assurance levels
- \$ Includes JANS product assurance level only
- ¥ Includes JANTXV product assurance level only
- + Includes JANTX product assurance level only
- ++ Includes JANTX and JANTXV product assurance levels only
- JANC Includes JANC product assurance level only

## 2. Radiation Hardness Assurance (RHA) levels:

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

(Note: Government type designation will include product assurance level "¥" or "\$" 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 1 - 1,999V and below
- Class 2 - 2,000V - 3,999V
- Class 3 - 4,000V - 15,999V
- Nonsensitive (NS) - Above 15,999V

- 4. 1/ Manufacturer has issued an end of life buy notice for these device types. Contact manufacturer for further information.
- 2/ Listing is temporary as defined in detail specification /578.

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AMSC N/A

QPL-19500-128

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

| GOVERNMENT TYPE<br>DESIGNATION                   | ESD<br>CLASS | MANUFACTURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | DETAIL<br>SPECIFI-<br>CATION | MANUFACTURER'S NAME<br>(ADDRESS ON LAST PAGE) |
|--------------------------------------------------|--------------|-----------------------------------------|---------------------------------------|------------------------------|-----------------------------------------------|
| 1N21WE, WEM, and WEMR<br>1N21WG, WGM, and WGMR   |              | CDAP                                    | 19500-203-80                          | /232<br>/321                 | Alpha Industries, Inc.                        |
| 1N21WE, WEM, and WEMR<br>1N21WG, WGM, and WGMR   |              | CBYI                                    | 19500-207-81                          | /232<br>/321                 | M/A-COM, Inc.                                 |
| 1N23WE, WEM, and WEMR<br>1N23WG, WGM, and WGMR   |              | CDAP                                    | 19500-203-80                          | /322                         | Alpha Industries, Inc.                        |
| 1N23WE, WEM, and WEMR<br>1N23WG, WGM, and WGMR   |              | CBYI                                    | 19500-207-81                          | /322                         | M/A-COM, Inc.                                 |
| 1N25WA                                           |              | CDAP                                    | 19500-201-80                          | /183                         | Alpha Industries, Inc.                        |
| 1N26B, BM, BR, and BMR                           |              | CDAP                                    | 19500-200-80                          | /128                         | Alpha Industries, Inc.                        |
| 1N26B, BR, BM, and BMR                           |              | CBYI                                    | 19500-1298-70                         | /128                         | M/A-COM, Inc.                                 |
| 1N53B, BR, BM, and BMR                           |              | CDAP                                    | 19500-202-80                          | /186                         | Alpha Industries, Inc.                        |
| 1N53B, BR, BM, and BMR                           |              | CBYI                                    | 19500-438-76                          | /186                         | M/A-COM, Inc.                                 |
| 1N78C, CR, CM, and CMR<br>1N78F, FR, FM, and FMR |              | CDAP                                    | 19500-828-83                          | /130                         | Alpha Industries, Inc.                        |
| 1N78C, CR, CM, and CMR<br>1N78F, FR, FM, and FMR |              | CBYI                                    | 19500-12-71<br>19500-41-76            | /130                         | M/A-COM, Inc.                                 |
| 1N82AG                                           |              | CBYI                                    | 6772                                  | /250                         | M/A-COM, Inc.                                 |
| 1N251                                            | NS           | CDAS                                    | 19500-759-80                          | /188                         | Microsemi-Watertown (1, 2)                    |
| 1N263                                            |              | CBYI                                    | 19500-415-74                          | /191                         | M/A-COM, Inc.                                 |
| ** 1N270                                         |              | CERJ                                    | 19500-44-61                           | /200                         | BKC Semiconductors, Inc.                      |
| ** 1N276                                         |              | CERJ                                    | 19500-45-61                           | /192                         | BKC Semiconductors, Inc.                      |
| ** 1N277                                         |              | CERJ                                    | 19500-534-62                          | /201                         | BKC Semiconductors, Inc.                      |
| 1N358A, AM, AMR, and AR                          |              | CDAP                                    | 19500-200-80                          | /339                         | Alpha Industries, Inc.                        |
| 1N457 thru 1N459 1/                              |              | CAKK                                    | 19500-1076-64                         | /193(ER)                     | General Instrument Corp.                      |
| 1N457 thru 1N459                                 | NS           | CCYL                                    | 19500-236-7T                          | /193(ER)                     | Microsemi Corp. (A1)                          |
| 1N457 thru 1N459                                 | NS           | CDAS                                    | 19500-610-81                          | /193(ER)                     | Microsemi-Watertown (1, 2)                    |
| ** 1N483B                                        | NS           | CCYL                                    | 19500-236-7T                          | /118                         | Microsemi Corp. (A1)                          |
| ** 1N483B                                        | NS           | CDAS                                    | 19500-610-81                          | /118                         | Microsemi-Watertown (1, 2)                    |
| ** 1N485B and 1N486B                             | NS           | CCYL                                    | 19500-236-7T                          | /118                         | Microsemi Corp. (A1)                          |
| ** 1N485B                                        | NS           | CDAS                                    | 19500-610-81                          | /118                         | Microsemi-Watertown (1, 2)                    |
| 1N643                                            | NS           | CDAS                                    | 6620                                  | /256                         | Microsemi-Watertown (1, 2)                    |
| ** 1N645, -1 and UR-1                            |              | CERJ                                    | 19500-143-89                          | /240                         | BKC Semiconductors, Inc.                      |
| * 1N645 and -1 1/                                |              | CAKK                                    | 19500-313-74                          | /240                         | General Instrument Corp.                      |
| ** 1N645-1                                       | NS           | CCYL                                    | 19500-139-93                          | /240                         | Microsemi Corp. (A1, A2)                      |
| \$ 1N645-1                                       | NS           | CCYL                                    | 19500-1278-85                         | /240                         | Microsemi Corp. (A1)                          |
| ** 1N645 and -1                                  | NS           | CDAS                                    | 19500-731-81                          | /240                         | Microsemi-Watertown (1, 2)                    |

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|--------------------------------------------------|--------------|-----------------------------------------|---------------------------------------|------------------------------|-----------------------------------------------|
| ** 1N647, -1 and UR-1                            |              | CERJ                                    | 19500-143-89                          | /240                         | BKC Semiconductors, Inc.                      |
| * 1N647 and -1 <u>1</u> /                        |              | CAKK                                    | 19500-313-74                          | /240                         | General Instrument Corp.                      |
| ** 1N647-1                                       | NS           | CCYL                                    | 19500-1221-77                         | /240                         | Microsemi Corp. (A1, A2)                      |
| § 1N647-1                                        | NS           | CCYL                                    | 19500-1278-85                         | /240                         | Microsemi Corp. (A1)                          |
| ** 1N647 and -1                                  | NS           | CDAS                                    | 19500-731-81                          | /240                         | Microsemi-Watertown (1, 2)                    |
| ** 1N649-1 and UR-1                              |              | CERJ                                    | 19500-065-94                          | /240                         | BKC Semiconductors, Inc.                      |
| * 1N649 and -1 <u>1</u> /                        |              | CAKK                                    | 19500-313-74                          | /240                         | General Instrument Corp.                      |
| ** 1N649-1                                       | NS           | CCYL                                    | 19500-1221-77                         | /240                         | Microsemi Corp. (A1, A2)                      |
| § 1N649-1                                        | NS           | CCYL                                    | 19500-1278-85                         | /240                         | Microsemi Corp. (A1)                          |
| 1N662 and 1N663                                  | NS           | CDAS                                    | 19500-702-92                          | /256                         | Microsemi-Watertown (1, 2)                    |
| ++ 1N746A-1 thru 1N759A-1 <u>1</u> /             |              | CELH                                    | 19500-147-85                          | /127                         | American Power Devices, Inc.                  |
| ** 1N746A-1 and AUR-1 thru<br>1N759A-1 and AUR-1 |              | CERJ                                    | 19500-360-83                          | /127                         | BKC Semiconductors, Inc.                      |
| ** 1N746A-1 and AUR-1 thru<br>1N759A-1 and AUR-1 | NS           | CDWR                                    | 19500-319-92                          | /127                         | Compensated Devices, Inc.                     |
| ** 1N746A-1 and AUR-1 thru<br>1N759A-1 and AUR-1 | NS           | CCZL                                    | 19500-36-79                           | /127                         | Microsemi Corp. (B1, B2)                      |
| ** 1N754A-1 thru 1N759A-1                        | NS           | CCYL                                    | 19500-672-76                          | /127                         | Microsemi Corp. (A1)                          |
| § 1N754A-1 thru 1N759A-1                         | NS           | CCYL                                    | 19500-1089-82                         | /127                         | Microsemi Corp. (A1)                          |
| ** 1N821 and -1 <u>1</u> /                       |              | CELH                                    | 19500-771-87                          | /159                         | American Power Devices, Inc.                  |
| ++ 1N821, -1 and UR-1                            | NS           | CDWR                                    | 19500-138-93                          | /159                         | Compensated Devices, Inc.                     |
| JANCA821                                         |              | CDWR                                    | 19500-001-94                          | /159                         | Compensated Devices, Inc.                     |
| ++ 1N821, -1 and UR-1                            | NS           | CCZL                                    | 19500-541-89                          | /159                         | Microsemi Corp. (B1)                          |
| § 1N821-1                                        | NS           | CCZL                                    | 19500-489-93                          | /159                         | Microsemi Corp. (B1)                          |
| ++ 1N821                                         | NS           | CCYL                                    | 19500-249-80                          | /159                         | Microsemi Corp. (A1, A2)                      |
| ++ 1N821-1                                       | NS           | CCYL                                    | 19500-796-87                          | /159                         | Microsemi Corp. (A1)                          |
| ** 1N823 and -1 <u>1</u> /                       |              | CELH                                    | 19500-771-87                          | /159                         | American Power Devices, Inc.                  |
| ++ 1N823, -1 and UR-1                            | NS           | CDWR                                    | 19500-138-93                          | /159                         | Compensated Devices, Inc.                     |
| JANCA823                                         |              | CDWR                                    | 19500-001-94                          | /159                         | Compensated Devices, Inc.                     |
| ++ 1N823, -1 and UR-1                            | NS           | CCZL                                    | 19500-541-89                          | /159                         | Microsemi Corp. (B1)                          |
| § 1N823-1                                        | NS           | CCZL                                    | 19500-489-93                          | /159                         | Microsemi Corp. (B1)                          |
| ++ 1N823-1                                       | NS           | CCYL                                    | 19500-796-87                          | /159                         | Microsemi Corp. (A1)                          |
| ++ 1N823                                         | NS           | CCYL                                    | 19500-249-80                          | /159                         | Microsemi Corp. (A1, A2)                      |
| ** 1N825, -1 <u>1</u> /                          |              | CELH                                    | 19500-771-87                          | /159                         | American Power Devices, Inc.                  |
| ++ 1N825, -1 and UR-1                            | NS           | CDWR                                    | 19500-138-93                          | /159                         | Compensated Devices, Inc.                     |
| JANCA825                                         |              | CDWR                                    | 19500-001-94                          | /159                         | Compensated Devices, Inc.                     |

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| ++ 1N825, -1 and UR-1                                | NS           | CCZL                                    | 19500-541-89                                 | /159                         | Microsemi Corp. (B1)                          |
| § 1N825-1                                            | NS           | CCZL                                    | 19500-489-93                                 | /159                         | Microsemi Corp. (B1)                          |
| ++ 1N825-1                                           | NS           | CCYL                                    | 19500-796-87                                 | /159                         | Microsemi Corp. (A1)                          |
| ++ 1N825                                             | NS           | CCYL                                    | 19500-249-80                                 | /159                         | Microsemi Corp. (A1, A2)                      |
| ** 1N827, -1 1/                                      |              | CELH                                    | 19500-771-87                                 | /159                         | American Power Devices, Inc.                  |
| ++ 1N827, -1 and UR-1                                | NS           | CDWR                                    | 19500-138-93                                 | /159                         | Compensated Devices, Inc.                     |
| JANCA827                                             |              | CDWR                                    | 19500-001-94                                 | /159                         | Compensated Devices, Inc.                     |
| ++ 1N827, -1 and UR-1                                | NS           | CCZL                                    | 19500-541-89                                 | /159                         | Microsemi Corp. (B1)                          |
| § 1N827-1                                            | NS           | CCZL                                    | 19500-489-93                                 | /159                         | Microsemi Corp. (B1)                          |
| ++ 1N827-1                                           | NS           | CCYL                                    | 19500-796-87                                 | /159                         | Microsemi Corp. (A1)                          |
| ++ 1N827                                             | NS           | CCYL                                    | 19500-249-80                                 | /159                         | Microsemi Corp. (A1, A2)                      |
| ** 1N829, -1 1/                                      |              | CELH                                    | 19500-771-87                                 | /159                         | American Power Devices, Inc.                  |
| ++ 1N829, -1 and UR-1                                | NS           | CDWR                                    | 19500-138-93                                 | /159                         | Compensated Devices, Inc.                     |
| JANCA829                                             |              | CDWR                                    | 19500-001-94                                 | /159                         | Compensated Devices, Inc.                     |
| ++ 1N829, -1 and UR-1                                | NS           | CCZL                                    | 19500-541-89                                 | /159                         | Microsemi Corp. (B1)                          |
| § 1N829-1                                            | NS           | CCZL                                    | 19500-489-93                                 | /159                         | Microsemi Corp. (B1)                          |
| ++ 1N829-1                                           | NS           | CCYL                                    | 19500-796-87                                 | /159                         | Microsemi Corp. (A1)                          |
| ++ 1N829                                             | NS           | CCYL                                    | 19500-249-80                                 | /159                         | Microsemi Corp. (A1, A2)                      |
| 1N830A                                               |              | CDAP                                    | 19500-202-80                                 | /229(Navy)                   | Alpha Industries, Inc.                        |
| 1N830A                                               |              | CBYI                                    | 19500-8-65                                   | /229(Navy)                   | M/A-COM, Inc.                                 |
| 1N831A                                               |              | CBYI                                    | 7770                                         | /352(ER)                     | M/A-COM, Inc.                                 |
| ** 1N914 and UR                                      |              | CERJ                                    | 19500-439-87                                 | /116                         | BKC Semiconductors, Inc.                      |
| ** 1N914                                             | NS           | CCYL                                    | 19500-093-94                                 | /116                         | Microsemi Corp. (A1, A2)                      |
| ** 1N914 and UR                                      | NS           | CCZL                                    | 19500-771-92                                 | /116                         | Microsemi Corp. (B1, B2)                      |
| ** 1N914                                             | NS           | CDAS                                    | 19500-206-89                                 | /116                         | Microsemi-Watertown (1, 2)                    |
| ++ 1N935B, -1 and BUR-1                              | NS           | CDWR                                    | 19500-140-93                                 | /156                         | Compensated Devices, Inc.                     |
| ++ 1N935B and -1                                     | NS           | CCZL                                    | 19500-958-86                                 | /156                         | Microsemi Corp. (B1)                          |
| ++ 1N937B, -1 and BUR-1 thru<br>1N939B, -1 and BUR-1 | NS           | CDWR                                    | 19500-140-93                                 | /156                         | Compensated Devices, Inc.                     |
| ++ 1N937B and -1 thru<br>1N940B and -1               | NS           | CCZL                                    | 19500-606-85<br>19500-958-86                 | /156                         | Microsemi Corp. (B1)                          |
| ++ 1N941B, -1 and BUR-1                              | NS           | CDWR                                    | 19500-095-93                                 | /157                         | Compensated Devices, Inc.                     |
| ++ 1N941B and -1                                     | NS           | CCZL                                    | 19500-600-86                                 | /157                         | Microsemi Corp. (B1)                          |
| ++ 1N943B, -1 and BUR-1 thru<br>1N945B, -1 and BUR-1 | NS           | CDWR                                    | 19500-095-93                                 | /157                         | Compensated Devices, Inc.                     |
| ++ 1N943B and -1 thru<br>1N945B and -1               | NS           | CCZL                                    | 19500-853-80<br>19500-600-86<br>19500-607-85 | /157                         | Microsemi Corp. (B1)                          |

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| ** 1N962B, -1 and BUR-1 thru<br>1N973B, -1 and BUR-1 |              | CERJ                                    | 19500-359-83                          | /117                         | BKC Semiconductors, Inc.                      |
| ** 1N962B-1 and BUR-1 thru<br>1N986B-1 and BUR-1     | NS           | CDWR                                    | 19500-318-92                          | /117                         | Compensated Devices, Inc.                     |
| ** 1N962B-1 thru 1N973B-1                            | NS           | CCYL                                    | 19500-527-78                          | /117                         | Microsemi Corp. (A1)                          |
| ** 1N962B-1 and BUR-1 thru<br>1N978B-1 and BUR-1     | NS           | CCZL                                    | 19500-37-79                           | /117                         | Microsemi Corp. (B1, B2)                      |
| ** 1N974B-1 and BUR-1 thru<br>1N992B-1 and BUR-1     |              | CERJ                                    | 19500-033-92                          | /117                         | BKC Semiconductors, Inc.                      |
| ** 1N979B-1 and BUR-1 thru<br>1N985B-1 and BUR-1     | NS           | CCZL                                    | 19500-434-85                          | /117                         | Microsemi Corp. (B1)                          |
| ** 1N986B-1 and BUR-1 thru<br>1N992B-1 and BUR-1     | NS           | CCZL                                    | 19500-444-85                          | /117                         | Microsemi Corp. (B1)                          |
| 1N1124A and RA                                       |              | CDKF                                    | 19500-658-75                          | /104                         | Semicon Components, Inc.                      |
| 1N1124A and RA                                       |              | CDVL                                    | 19500-273-75                          | /104                         | Solid State Devices, Inc.                     |
| 1N1126A and RA                                       |              | CDKF                                    | 19500-658-75                          | /104                         | Semicon Components, Inc.                      |
| 1N1126A and RA                                       |              | CDVL                                    | 19500-273-75                          | /104                         | Solid State Devices, Inc.                     |
| 1N1128A and RA                                       |              | CDKF                                    | 19500-658-75                          | /104                         | Semicon Components, Inc.                      |
| 1N1128A and RA                                       |              | CDVL                                    | 19500-273-75                          | /104                         | Solid State Devices, Inc.                     |
| 1N1132 and R                                         |              | CDAP                                    | 19500-200-80                          | /362                         | Alpha Industries, Inc.                        |
| ** 1N1184 and R                                      | NS           | CEWP                                    | 19500-347-88                          | /297                         | Microsemi-Colorado                            |
| ** 1N1184 and R                                      |              | CDKF                                    | 19500-466-78                          | /297                         | Semicon Components, Inc.                      |
| ** 1N1186 and R                                      | NS           | CEWP                                    | 19500-347-88                          | /297                         | Microsemi-Colorado                            |
| ** 1N1186 and R                                      |              | CDKF                                    | 19500-466-78                          | /297                         | Semicon Components, Inc.                      |
| ** 1N1188 and R                                      | NS           | CEWP                                    | 19500-347-88                          | /297                         | Microsemi-Colorado                            |
| ** 1N1188 and R                                      |              | CDKF                                    | 19500-466-78                          | /297                         | Semicon Components, Inc.                      |
| ** 1N1190 and R                                      | NS           | CEWP                                    | 19500-347-88                          | /297                         | Microsemi-Colorado                            |
| ** 1N1190 and R                                      |              | CDKF                                    | 19500-466-78                          | /297                         | Semicon Components, Inc.                      |
| ** 1N1202A and AR                                    | NS           | CEWP                                    | 19500-346-88                          | /260                         | Microsemi-Colorado                            |
| ** 1N1202A and AR                                    |              | CDKF                                    | 19500-705-77                          | /260                         | Semicon Components, Inc.                      |
| ** 1N1204A and AR                                    | NS           | CEWP                                    | 19500-346-88                          | /260                         | Microsemi-Colorado                            |
| ** 1N1204A and AR                                    |              | CDKF                                    | 19500-705-77                          | /260                         | Semicon Components, Inc.                      |
| ** 1N1206A and AR                                    | NS           | CEWP                                    | 19500-346-88                          | /260                         | Microsemi-Colorado                            |
| ** 1N1206A and AR                                    |              | CDKF                                    | 19500-705-77                          | /260                         | Semicon Components, Inc.                      |
| 1N1614 and R thru<br>1N1616 and R                    | NS           | CEWP                                    | 19500-346-88                          | /162                         | Microsemi-Colorado                            |
| 1N1614 and R thru<br>1N1616 and R                    |              | CDKF                                    | 19500-704-77                          | /162                         | Semicon Components, Inc.                      |
| 1N1742A                                              | NS           | CCZL                                    | 19500-1203-65                         | /298(USAF)                   | Microsemi Corp. (B1)                          |
| 1N1838                                               |              | CBYI                                    | 19500-416-74                          | /364                         | M/A-COM, Inc.                                 |

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| 1N2153                                             |              | CDKF                                    | 19500-819-79                          | /91                          | Semicon Components, Inc.                      |
| ** 1N2804B and RB thru<br>1N2807B and RB           | NS           | CCZL                                    | 19500-419-79                          | /114                         | Microsemi Corp. (B1)                          |
| ** 1N2808B and RB thru<br>1N2811B and RB           | NS           | CCZL                                    | 19500-997-82                          | /114                         | Microsemi Corp. (B1)                          |
| ** 1N2813B and RB and<br>1N2814B and RB            | NS           | CCZL                                    | 19500-997-82                          | /114                         | Microsemi Corp. (B1)                          |
| ** 1N2816B and RB                                  | NS           | CCZL                                    | 19500-997-82                          | /114                         | Microsemi Corp. (B1)                          |
| ** 1N2818B and RB thru<br>1N2820B and RB           | NS           | CCZL                                    | 19500-997-82                          | /114                         | Microsemi Corp. (B1)                          |
| ** 1N2822B and RB thru<br>1N2827B and RB           | NS           | CCZL                                    | 19500-997-82                          | /114                         | Microsemi Corp. (B1)                          |
| ** 1N2829B and RB                                  | NS           | CCZL                                    | 19500-997-82                          | /114                         | Microsemi Corp. (B1)                          |
| ** 1N2831B and RB thru<br>1N2838B and RB           | NS           | CCZL                                    | 19500-997-82                          | /114                         | Microsemi Corp. (B1)                          |
| ** 1N2840B and RB thru<br>1N2846B and RB           | NS           | CCZL                                    | 19500-997-82                          | /114                         | Microsemi Corp. (B1)                          |
| ** 1N2970B and RB thru<br>1N2977B and RB           | NS           | CCZL                                    | 19500-412-85                          | /124                         | Microsemi Corp. (B1)                          |
| ** 1N2979B and RB and<br>1N2980B and RB            | NS           | CCZL                                    | 19500-412-85                          | /124                         | Microsemi Corp. (B1)                          |
| ** 1N2982B and RB                                  | NS           | CCZL                                    | 19500-412-85                          | /124                         | Microsemi Corp. (B1)                          |
| ** 1N2984B and RB thru<br>1N2986B and RB           | NS           | CCZL                                    | 19500-412-85                          | /124                         | Microsemi Corp. (B1)                          |
| ** 1N2988B and RB thru<br>1N2993B and RB           | NS           | CCZL                                    | 19500-412-85                          | /124                         | Microsemi Corp. (B1)                          |
| ** 1N2995B and RB                                  | NS           | CCZL                                    | 19500-412-85                          | /124                         | Microsemi Corp. (B1)                          |
| ** 1N2997B and RB                                  | NS           | CCZL                                    | 19500-412-85                          | /124                         | Microsemi Corp. (B1)                          |
| ** 1N2999B and RB thru<br>1N3005B and RB           | NS           | CCZL                                    | 19500-412-85                          | /124                         | Microsemi Corp. (B1)                          |
| ** 1N3007B and RB thru<br>1N3009B and RB           | NS           | CCZL                                    | 19500-412-85                          | /124                         | Microsemi Corp. (B1)                          |
| ** 1N3011B and RB and<br>1N3012B and RB            | NS           | CCZL                                    | 19500-412-85                          | /124                         | Microsemi Corp. (B1)                          |
| ** 1N3014B and RB and<br>1N3015B and RB            | NS           | CCZL                                    | 19500-412-85                          | /124                         | Microsemi Corp. (B1)                          |
| ** 1N3016B thru 1N3051B                            | NS           | CCZL                                    | 19500-499-86<br>19500-500-86          | /115                         | Microsemi Corp. (B1)                          |
| ** 1N3064                                          | NS           | CDAS                                    | 19500-702-92                          | /144                         | Microsemi-Watertown (1, 2)                    |
| * 1N3070                                           | NS           | CDAS                                    | 19500-740-66                          | /169                         | Microsemi-Watertown (1, 2)                    |
| ++ 1N3154, -1 and UR-1 thru<br>1N3157, -1 and UR-1 | NS           | CDWR                                    | 19500-598-87                          | /158                         | Compensated Devices, Inc.                     |
| ++ 1N3154 and -1 thru<br>1N3157 and -1             | NS           | CCZL                                    | 19500-885-86                          | /158                         | Microsemi Corp. (B1)                          |

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|------------------------------------------|--------------|-----------------------------------------|---------------------------------------|------------------------------|-----------------------------------------------|
| * 1N3164 and R                           |              | CERC                                    | 19500-791-81                          | /211                         | Powerex, Inc. (1, 2)                          |
| * 1N3168 and R                           |              | CERC                                    | 19500-791-81                          | /211                         | Powerex, Inc. (1, 2)                          |
| * 1N3170 and R                           |              | CERC                                    | 19500-791-81                          | /211                         | Powerex, Inc. (1, 2)                          |
| * 1N3172 and R                           |              | CERC                                    | 19500-791-81                          | /211                         | Powerex, Inc. (1, 2)                          |
| * 1N3174 and R                           |              | CERC                                    | 19500-791-81                          | /211                         | Powerex, Inc. (1, 2)                          |
| * 1N3189 thru 1N3191                     |              | CDKF                                    | 19500-490-73                          | /155(Navy)                   | Semicon Components, Inc.                      |
| ** 1N3287                                |              | CERJ                                    | 19500-131-7T                          | /205(Navy)                   | BKC Semiconductors, Inc.                      |
| ** 1N3289 and R                          |              | CERC                                    | 19500-735-90                          | /246                         | Powerex, Inc. (1, 2)                          |
| ** 1N3291 and R                          |              | CERC                                    | 19500-735-90                          | /246                         | Powerex, Inc. (1, 2)                          |
| ** 1N3293 and R thru<br>1N3295 and R     |              | CERC                                    | 19500-735-90                          | /246                         | Powerex, Inc. (1, 2)                          |
| ** 1N3305B and RB thru<br>1N3311B and RB | NS           | CCZL                                    | 19500-447-80                          | /358                         | Microsemi Corp. (B1)                          |
| ** 1N3312B and RB                        | NS           | CCZL                                    | 19500-448-80                          | /358                         | Microsemi Corp. (B1)                          |
| ** 1N3314B and RB                        |              |                                         |                                       |                              |                                               |
| ** 1N3315B and RB                        |              |                                         |                                       |                              |                                               |
| ** 1N3317B and RB                        |              |                                         |                                       |                              |                                               |
| ** 1N3319B and RB thru<br>1N3321B and RB |              |                                         |                                       |                              |                                               |
| ** 1N3323B and RB thru<br>1N3328B and RB |              |                                         |                                       |                              |                                               |
| ** 1N3330B and RB                        |              |                                         |                                       |                              |                                               |
| ** 1N3332B and RB                        |              |                                         |                                       |                              |                                               |
| ** 1N3334B and RB thru<br>1N3340B and RB |              |                                         |                                       |                              |                                               |
| ** 1N3342B and RB thru<br>1N3344B and RB |              |                                         |                                       |                              |                                               |
| ** 1N3346B and RB                        | NS           | CCZL                                    | 19500-448-80                          | /358                         | Microsemi Corp. (B1)                          |
| ** 1N3347B and RB                        |              |                                         |                                       |                              |                                               |
| ** 1N3349B and RB                        |              |                                         |                                       |                              |                                               |
| ** 1N3350B and RB                        |              |                                         |                                       |                              |                                               |
| ** 1N3595, -1 and UR-1                   |              | CERJ                                    | 19500-439-87                          | /241                         | BKC Semiconductors, Inc.                      |
| ** 1N3595 and -1                         | NS           | CCYL                                    | 19500-743-92                          | /241                         | Microsemi Corp. (A1)                          |
| ** 1N3595-1                              | NS           | CCYL                                    | 19500-743-92                          | /241                         | Microsemi Corp. (A2)                          |
| ** 1N3595                                | NS           | CDAS                                    | 19500-610-81                          | /241                         | Microsemi-Watertown (1, 2)                    |
| ** 1N3600                                | NS           | CDAS                                    | 19500-702-92                          | /231                         | Microsemi-Watertown (1, 2)                    |
| * 1N3611 thru 1N3614 <u>1</u> /          |              | CAKK                                    | 19500-40-73<br>thru<br>19500-43-73    | /228                         | General Instrument Corp.                      |
| + 1N3611 thru 1N3614                     | NS           | CCYL                                    | 19500-1145-70                         | /228                         | Microsemi Corp. (A1, A2)                      |
| + 1N3611 and UR thru<br>1N3614 and UR    | NS           | CDAS                                    | 19500-184-91                          | /228                         | Microsemi-Watertown (1)                       |
| * 1N3611 thru 1N3614                     |              | CDBV                                    | 19500-876-80                          | /228                         | Semtech Corp. (1)                             |
| + 1N3611 thru 1N3614                     | 3            | CQN                                     | 19500-454-93                          | /228                         | Sensitron Semiconductor                       |
| * 1N3644 thru 1N3647                     |              | CCYL                                    | 19500-48-75                           | /279(Navy)                   | Microsemi Corp. (A1, A2)                      |
| * 1N3644 thru 1N3647                     |              | CDBV                                    | 19500-876-80                          | /279(Navy)                   | Semtech Corp. (1)                             |

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| 1N3649 and R and<br>1N3650 and R                    |              | CDKF                                    | 19500-658-75                          | /104                         | Semicon Components, Inc.                      |
| 1N3649 and R                                        |              | CDVL                                    | 19500-273-75                          | /104                         | Solid State Devices, Inc.                     |
| 1N3655A, AM, and AMR                                |              | CDAP                                    | 19500-203-80                          | /334                         | Alpha Industries, Inc.                        |
| 1N3655A, AM, and AMR                                |              | CBYI                                    | 19500-207-81                          | /334                         | M/A-COM, Inc.                                 |
| ** 1N3666 (1) and (2)                               |              | CERJ                                    | 19500-810-66                          | /226                         | BKC Semiconductors, Inc.                      |
| ** 1N3671A and AR                                   | NS           | CEWP                                    | 19500-346-88                          | /260                         | Microsemi-Colorado                            |
| ** 1N3671A and AR                                   |              | CDKF                                    | 19500-705-77                          | /260                         | Semicon Components, Inc.                      |
| ** 1N3673A and AR                                   | NS           | CEWP                                    | 19500-346-88                          | /260                         | Microsemi-Colorado                            |
| ** 1N3673A and AR                                   |              | CDKF                                    | 19500-705-77                          | /260                         | Semicon Components, Inc.                      |
| 1N3713<br>1N3715<br>1N3717<br>1N3719<br>1N3721      |              | CDTO                                    | 19500-291-85                          | /269(Navy)                   | Germanium Power Devices Corp.                 |
| ** 1N3766 and R                                     | NS           | CEWP                                    | 19500-347-88                          | /297                         | Microsemi-Colorado                            |
| ** 1N3766 and R                                     |              | CDKF                                    | 19500-466-78                          | /297                         | Semicon Components, Inc.                      |
| ** 1N3768 and R                                     | NS           | CEWP                                    | 19500-347-88                          | /297                         | Microsemi-Colorado                            |
| ** 1N3768 and R                                     |              | CDKF                                    | 19500-679-83                          | /297                         | Semicon Components, Inc.                      |
| ** 1N3821A thru 1N3828A                             | NS           | CCZL                                    | 19500-501-86                          | /115                         | Microsemi Corp. (B1)                          |
| ** 1N3885 and 1N3886                                |              | CDKF                                    | 19500-820-79                          | /304                         | Semicon Components, Inc.                      |
| ** 1N3888                                           |              | CDKF                                    | 19500-820-79                          | /304                         | Semicon Components, Inc.                      |
| ** 1N3890 and R and<br>1N3891 and R                 | NS           | CCZL                                    | 19500-729-87                          | /304                         | Microsemi Corp. (B1)                          |
| ** 1N3890, A, R, and AR and<br>1N3891, A, R, and AR | NS           | CEWP                                    | 19500-349-88                          | /304                         | Microsemi-Colorado                            |
| ** 1N3890 and R and<br>1N3891 and R                 |              | CDKF                                    | 19500-67-76                           | /304                         | Semicon Components, Inc.                      |
| ** 1N3893, R                                        | NS           | CCZL                                    | 19500-729-87                          | /304                         | Microsemi Corp. (B1)                          |
| ** 1N3893, A, R, AR                                 | NS           | CEWP                                    | 19500-349-88                          | /304                         | Microsemi-Colorado                            |
| ** 1N3893 and R                                     |              | CDKF                                    | 19500-67-76                           | /304                         | Semicon Components, Inc.                      |
| ** 1N3909A and R thru<br>1N3913A and R              | NS           | CEWP                                    | 19500-546-92                          | /308                         | Microsemi-Colorado, Inc.                      |
| ** 1N3909 and R thru<br>1N3913 and R                |              | CDKF                                    | 19500-970-78                          | /308                         | Semicon Components, Inc.                      |
| + 1N3957 1/                                         |              | CAKK                                    | 19500-876-75                          | /228                         | General Instrument Corp.                      |
| + 1N3957                                            | NS           | CCYL                                    | 19500-1145-70                         | /228                         | Microsemi Corp. (A1, A2)                      |
| * 1N3957                                            |              | CDEV                                    | 19500-876-80                          | /228                         | Semtech Corp. (1)                             |
| + 1N3957                                            | 3            | CQN                                     | 19500-454-93                          | /228                         | Sensitron Semiconductor                       |
| * 1N3993A and RA thru<br>1N4000A and RA             | NS           | CCZL                                    | 19500-705-83                          | /272                         | Microsemi Corp. (B1)                          |

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| ** 1N4099-1, C-1, D-1,<br>UR-1, CUR-1, DUR-1 thru<br>1N4121-1, C-1, D-1,<br>UR-1, CUR-1, DUR-1 |              | CERJ                                    | 19500-359-83                          | /435                         | BKC Semiconductors, Inc.                      |
| ** 1N4099-1, C-1, D-1,<br>UR-1, CUR-1, DUR-1 thru<br>1N4135-1, C-1, D-1,<br>UR-1, CUR-1, DUR-1 | NS           | CDWR                                    | 19500-139-91                          | /435                         | Compensated Devices, Inc.                     |
| ** 1N4099 thru 1N4106                                                                          | 3            | CEJL                                    | 19500-714-86                          | /435                         | Knox Semiconductor, Inc.                      |
| ** 1N4099-1, C-1, D-1, UR-1,<br>CUR-1, DUR-1 thru<br>1N4135-1, C-1, D-1, UR-1,<br>CUR-1, DUR-1 | NS           | CCZL                                    | 19500-37-79<br>19500-444-85           | /435                         | Microsemi Corp. (B1, B2)                      |
| ** 1N4107 thru 1N4121                                                                          | 3            | CEJL                                    | 19500-371-88                          | /435                         | Knox Semiconductor, Inc.                      |
| ** 1N4148-1 and UR-1                                                                           |              | CERJ                                    | 19500-439-87                          | /116                         | BKC Semiconductors, Inc.                      |
| ** 1N4148-1 2/                                                                                 | NS           | CCYL                                    | 19500-093-94                          | /116                         | Microsemi Corp. (A1, A2)                      |
| ** 1N4148-1 and UR-1                                                                           | NS           | CCZL                                    | 19500-771-92                          | /116                         | Microsemi Corp. (B1, B2)                      |
| ** 1N4148-1                                                                                    | NS           | CDAS                                    | 19500-206-89                          | /116                         | Microsemi-Watertown (1, 2)                    |
| ** 1N4150, -1 and UR-1                                                                         |              | CERJ                                    | 19500-439-87                          | /231                         | BKC Semiconductors, Inc.                      |
| ** 1N4150-1                                                                                    | NS           | CCYL                                    | 19500-093-94                          | /231                         | Microsemi Corp. (A1, A2)                      |
| ** 1N4150-1 and UR-1                                                                           | NS           | CCZL                                    | 19500-771-92                          | /231                         | Microsemi Corp. (B1, B2)                      |
| ** 1N4150 and -1                                                                               | NS           | CDAS                                    | 19500-206-89                          | /231                         | Microsemi-Watertown (1, 2)                    |
| ** 1N4153, -1 and UR-1                                                                         |              | CERJ                                    | 19500-439-87                          | /337                         | BKC Semiconductors, Inc.                      |
| ** 1N4153 and -1                                                                               | NS           | CCYL                                    | 19500-17-83                           | /337                         | Microsemi Corp. (A1, A2)                      |
| ** 1N4153, -1 and UR-1                                                                         | NS           | CCZL                                    | 19500-771-92                          | /337                         | Microsemi Corp. (B1, B2)                      |
| ** 1N4153 and -1                                                                               | NS           | CDAS                                    | 19500-759-80                          | /337                         | Microsemi-Watertown (1, 2)                    |
| * 1N4245 thru 1N4249 1/                                                                        |              | CAKK                                    | 19500-425-70<br>thru<br>19500-429-70  | /286                         | General Instrument Corp.                      |
| ** 1N4245 thru 1N4249                                                                          | NS           | CCYL                                    | 19500-924-70                          | /286                         | Microsemi Corp. (A1)                          |
| ** 1N4245 thru 1N4249                                                                          | NS           | CCYL                                    | 19500-163-90                          | /286                         | Microsemi Corp. (A2)                          |
| ** 1N4245 thru 1N4249                                                                          | NS           | CDAS                                    | 19500-184-91                          | /286                         | Microsemi-Watertown (1)                       |
| ** 1N4245 thru 1N4249                                                                          |              | CDBV                                    | 19500-722-75                          | /286                         | Semtech Corp. (1)                             |
| ** 1N4245 thru 1N4249                                                                          | 3            | CQN                                     | 19500-454-93                          | /286                         | Sensitron Semiconductor                       |
| ** 1N4370A-1 and AUR-1 thru<br>1N4372A-1 and AUR-1                                             | NS           | CDWR                                    | 19500-319-92                          | /127                         | Compensated Devices, Inc.                     |
| ** 1N4370A-1 and AUR-1 thru<br>1N4372A-1 and AUR-1                                             | NS           | CCZL                                    | 19500-36-79                           | /127                         | Microsemi Corp. (B1, B2)                      |
| ** 1N4454, -1 and UR-1                                                                         |              | CERJ                                    | 19500-439-87                          | /144                         | BKC Semiconductors, Inc.                      |
| ** 1N4454 and -1                                                                               | NS           | CCYL                                    | 19500-17-83                           | /144                         | Microsemi Corp. (A1, A2)                      |
| ** 1N4454, -1 and UR-1                                                                         | NS           | CCZL                                    | 19500-771-92                          | /144                         | Microsemi Corp. (B1, B2)                      |
| ** 1N4454 and -1                                                                               | NS           | CDAS                                    | 19500-206-89                          | /144                         | Microsemi-Watertown (1, 2)                    |

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| 1N4458 and R and<br>1N4459 and R                                                               | NS           | CEWP                                            | 19500-346-88                                | /162                         | Microsemi-Colorado                            |
| 1N4458 and R and<br>1N4459 and R                                                               |              | CDKF                                            | 19500-704-77                                | /162                         | Semicon Components, Inc.                      |
| ** 1N4460 and US thru<br>1N4477 and US                                                         | NS           | CCYL                                            | 19500-815-69                                | /406                         | Microsemi Corp. (A1, A2)                      |
| ++ 1N4460 thru 1N4471                                                                          |              | CDKF                                            | 19500-048-93                                | /406                         | Semicon Components, Inc.                      |
| ** 1N4461 and US thru<br>1N4496 and US                                                         | NS           | CDAS                                            | 19500-271-88<br>19500-942-77<br>19500-69-80 | /406                         | Microsemi-Watertown (1)                       |
| ** 1N4464 thru 1N4496                                                                          |              | CERJ                                            | 19500-681-92                                | /406                         | BKC Semiconductors, Inc.                      |
| § 1N4464 and US thru<br>1N4479 and US                                                          | NS           | CCYL                                            | 19500-695-87                                | /406                         | Microsemi Corp. (A1)                          |
| ** 1N4472 thru 1N4496                                                                          |              | CDKF                                            | 19500-514-89                                | /406                         | Semicon Components, Inc.                      |
| ** 1N4478 and US thru<br>1N4496 and US                                                         | NS           | CCYL                                            | 19500-1126-76                               | /406                         | Microsemi Corp. (A1, A2)                      |
| § 1N4480 and US thru<br>1N4496 and US                                                          | NS           | CCYL                                            | 19500-692-87                                | /406                         | Microsemi Corp. (A1)                          |
| * 1N4500                                                                                       | NS           | CCYL                                            | 19500-17-83                                 | /403(USAF)                   | Microsemi Corp. (A1, A2)                      |
| * 1N4500                                                                                       | NS           | CDAS                                            | 19500-206-89                                | /403(USAF)                   | Microsemi-Watertown (1, 2)                    |
| ** 1N4531 and UR                                                                               |              | CERJ                                            | 19500-439-87                                | /116                         | BKC Semiconductors, Inc.                      |
| ** 1N4531                                                                                      | NS           | CDAS                                            | 19500-759-80                                | /116                         | Microsemi-Watertown (1, 2)                    |
| ** 1N4532                                                                                      |              | CERJ                                            | 19500-439-87                                | /144                         | BKC Semiconductors, Inc.                      |
| ** 1N4532                                                                                      | NS           | CDAS                                            | 19500-759-80                                | /144                         | Microsemi-Watertown (1, 2)                    |
| ** 1N4534                                                                                      |              | CERJ                                            | 19500-439-87                                | /337                         | BKC Semiconductors, Inc.                      |
| ** 1N4534                                                                                      | NS           | CDAS                                            | 19500-759-80                                | /337                         | Microsemi-Watertown (1, 2)                    |
| ** 1N4549B and RB thru<br>1N4554B and RB                                                       | NS           | CCZL                                            | 19500-447-80                                | /358                         | Microsemi Corp. (B1)                          |
| ** 1N4557B and RB and<br>1N4558B and RB                                                        | NS           | CCZL                                            | 19500-816-76                                | /114                         | Microsemi Corp. (B1)                          |
| ** 1N4559B and RB thru<br>1N4562B and RB                                                       | NS           | CCZL                                            | 19500-419-79                                | /114                         | Microsemi Corp. (B1)                          |
| ++ 1N4565A and -1 thru<br>1N4574A and -1                                                       | NS           | CDWR                                            | 19500-781-91                                | /452                         | Compensated Devices, Inc.                     |
| ++ 1N4565AUR-1 thru<br>1N4574AUR-1                                                             | NS           | CDWR                                            | 19500-781-91                                | /452                         | Compensated Devices, Inc.                     |
| ** 1N4565A thru 1N4574A                                                                        | NS           | CCZL                                            | 19500-975-75                                | /452                         | Microsemi Corp. (B1)                          |
| § 1N4565A-1 thru 1N4584A-1                                                                     | NS           | CCZL                                            | 19500-489-93                                | /452                         | Microsemi Corp. (B1)                          |
| ** 1N4565A-1 and AUR-1 thru<br>1N4574A-1 and AUR-1                                             | NS           | CCZL                                            | 19500-541-89                                | /452                         | Microsemi Corp. (B1)                          |
| ** 1N4614-1, C-1, D-1,<br>UR-1, CUR-1, DUR-1 thru<br>1N4627-1, C-1, D-1,<br>UR-1, CUR-1, DUR-1 | NS           | CDWR                                            | 19500-646-91                                | /435                         | Compensated Devices, Inc.                     |
| ** 1N4614 thru 1N4627                                                                          | 3            | CEJL                                            | 19500-714-86                                | /435                         | Knox Semiconductor, Inc.                      |

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|------------------------------------------------------------------------------------------------|--------------|-----------------------------------------|---------------------------------------|------------------------------|-----------------------------------------------|
| ** 1N4614-1, C-1, D-1,<br>UR-1, CUR-1, DUR-1 thru<br>1N4627-1, C-1, D-1,<br>UR-1, CUR-1, DUR-1 | NS           | CCZL                                    | 19500-36-79                           | /435                         | Microsemi Corp. (B1, B2)                      |
| ** 1N4625-1, C-1, D-1,<br>UR-1, CUR-1, DUR-1 thru<br>1N4627-1, C-1, D-1,<br>UR-1, CUR-1, DUR-1 |              | CERJ                                    | 19500-359-83                          | /435                         | BKC Semiconductors, Inc.                      |
| ** 1N4938 and -1                                                                               |              | CERJ                                    | 19500-439-87                          | /169                         | BKC Semiconductors, Inc.                      |
| ** 1N4938 and -1                                                                               | NS           | CCYL                                    | 19500-488-93                          | /169                         | Microsemi Corp. (A1, A2)                      |
| * 1N4938 and -1                                                                                | NS           | CDAS                                    | 19500-759-80                          | /169                         | Microsemi-Watertown (1, 2)                    |
| * 1N4942 1/                                                                                    |              | CAKK                                    | 19500-1094-70                         | /359                         | General Instrument Corp.                      |
| ** 1N4942                                                                                      | NS           | CCYL                                    | 19500-650-70                          | /359                         | Microsemi Corp. (A1, A2)                      |
| ** 1N4942                                                                                      | NS           | CDAS                                    | 19500-184-91                          | /359                         | Microsemi-Watertown (1)                       |
| ** 1N4942                                                                                      |              | CDBV                                    | 19500-876-80                          | /359                         | Semtech Corp. (1)                             |
| ++ 1N4942                                                                                      | 3            | CQN                                     | 19500-454-93                          | /359                         | Sensitron Semiconductor                       |
| * 1N4944 1/                                                                                    |              | CAKK                                    | 19500-1095-70                         | /359                         | General Instrument Corp.                      |
| ** 1N4944                                                                                      | NS           | CCYL                                    | 19500-650-70                          | /359                         | Microsemi Corp. (A1, A2)                      |
| ** 1N4944                                                                                      | NS           | CDAS                                    | 19500-184-91                          | /359                         | Microsemi-Watertown (1)                       |
| ** 1N4944                                                                                      |              | CDBV                                    | 19500-876-80                          | /359                         | Semtech Corp. (1)                             |
| ++ 1N4944                                                                                      | 3            | CQN                                     | 19500-454-93                          | /359                         | Sensitron Semiconductor                       |
| * 1N4946 thru 1N4948 1/                                                                        |              | CAKK                                    | 19500-589-76                          | /359                         | General Instrument Corp.                      |
| ** 1N4946 thru 1N4948                                                                          | NS           | CCYL                                    | 19500-651-70                          | /359                         | Microsemi Corp. (A1, A2)                      |
| ** 1N4946                                                                                      | NS           | CDAS                                    | 19500-184-91                          | /359                         | Microsemi-Watertown (1)                       |
| ** 1N4946 thru 1N4948                                                                          |              | CDBV                                    | 19500-876-80                          | /359                         | Semtech Corp. (1)                             |
| ++ 1N4946 thru 1N4948                                                                          | 3            | CQN                                     | 19500-454-93                          | /359                         | Sensitron Semiconductor                       |
| ** 1N4954 thru 1N4983                                                                          |              | CERJ                                    | 19500-39-90                           | /356                         | BKC Semiconductors, Inc.                      |
| ** 1N4954 and US thru<br>1N4969 and US                                                         | NS           | CCYL                                    | 19500-1504-69                         | /356                         | Microsemi Corp. (A1, A2)                      |
| § 1N4954 and US thru<br>1N4971 and US                                                          | NS           | CCYL                                    | 19500-684-87                          | /356                         | Microsemi Corp. (A1)                          |
| ** 1N4954 and US thru<br>1N4996 and US                                                         | NS           | CDAS                                    | 19500-272-88<br>19500-121-88          | /356                         | Microsemi-Watertown (1)                       |
| ** 1N4954 thru 1N4991                                                                          |              | CDKF                                    | 19500-588-91                          | /356                         | Semicon Components, Inc.                      |
| ** 1N4970 and US thru<br>1N4996 and US                                                         | NS           | CCYL                                    | 19500-836-75                          | /356                         | Microsemi Corp. (A1, A2)                      |
| § 1N4972 and US thru<br>1N4992 and US                                                          | NS           | CCYL                                    | 19500-693-87                          | /356                         | Microsemi Corp. (A1)                          |
| ** 1N5139A thru 1N5148A                                                                        | 3            | CEJL                                    | 19500-040-93                          | /383(Navy)                   | Knox Semiconductor, Inc.                      |
| ** 1N5186 thru 1N5188                                                                          | NS           | CCYL                                    | 19500-825-92                          | /424                         | Microsemi Corp. (A1, A2)                      |
| * 1N5186 thru 1N5188                                                                           | NS           | CDAS                                    | 19500-901-87                          | /424                         | Microsemi-Watertown (1)                       |
| * 1N5186 thru 1N5188                                                                           | 3            | CQN                                     | 19500-448-73                          | /424                         | Sensitron Semiconductor                       |

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| ** 1N5190                                                                                          | NS           | CCYL                                    | 19500-825-92                          | /424                         | Microsemi Corp. (A1, A2)                      |
| * 1N5190                                                                                           | NS           | CDAS                                    | 19500-901-87                          | /424                         | Microsemi-Watertown (1)                       |
| * 1N5190                                                                                           | 3            | CQN                                     | 19500-448-73                          | /424                         | Sensitron Semiconductor                       |
| ** 1N5194 thru 1N5196                                                                              |              | CERJ                                    | 19500-439-87                          | /118                         | BKC Semiconductors, Inc.                      |
| ** 1N5194 thru 1N5196                                                                              | NS           | CCYL                                    | 19500-93-78                           | /118                         | Microsemi Corp. (A1, A2)                      |
| ** 1N5283, -1, UR, UR-1 thru<br>** 1N5314, -1, UR, UR-1                                            | NS           | CDWR                                    | 19500-157-91                          | /463                         | Compensated Devices, Inc.                     |
| JANCA5283 thru JANCA5314                                                                           |              | CDWR                                    | 19500-180-93                          | /463                         | Compensated Devices, Inc.                     |
| ** 1N5283 thru 1N5314                                                                              | 3            | CEJL                                    | 19500-563-92                          | /463                         | Knox Semiconductor, Inc.                      |
| * 1N5415 thru 1N5420 1/                                                                            |              | CAKK                                    | 19500-217-81                          | /411                         | General Instrument Corp.                      |
| ** 1N5415 thru 1N5420                                                                              | NS           | CCYL                                    | 19500-825-92                          | /411                         | Microsemi Corp. (A1, A2)                      |
| § 1N5415 thru 1N5420                                                                               | NS           | CCYL                                    | 19500-1090-82                         | /411                         | Microsemi Corp. (A1)                          |
| ** 1N5415 thru 1N5420                                                                              | NS           | CDAS                                    | 19500-901-87                          | /411                         | Microsemi-Watertown (1)                       |
| ** 1N5415 thru 1N5419                                                                              |              | CDBV                                    | 19500-875-80                          | /411                         | Semtech Corp. (1)                             |
| ** 1N5415 thru 1N5420                                                                              | 3            | CQN                                     | 19500-263-74                          | /411                         | Sensitron Semiconductor                       |
| ** 1N5415 thru 1N5420                                                                              | 3            | CETH                                    | 19500-039-92                          | /411                         | Voltage Multipliers, Inc.                     |
| ** 1N5461B and C thru<br>1N5476B and C                                                             | 3            | CEJL                                    | 19500-041-93                          | /436(USAF)                   | Knox Semiconductor, Inc.                      |
| ** 1N5518B and -1 thru 1/<br>1N5532B and -1                                                        |              | CELH                                    | 19500-34-89                           | /437                         | American Power Devices                        |
| ** 1N5518B-1, C-1, D-1,<br>BUR-1, CUR-1, DUR-1 thru<br>1N5525B-1, C-1, D-1,<br>BUR-1, CUR-1, DUR-1 | NS           | CDWR                                    | 19500-646-91<br>19500-780-87          | /437                         | Compensated Devices, Inc.                     |
| ** 1N5518B thru 1N5532B                                                                            | 3            | CEJL                                    | 19500-717-86                          | /437                         | Knox Semiconductor, Inc.                      |
| ** 1N5518B thru 1N5546B                                                                            | NS           | CCZL                                    | 19500-251-76                          | /437                         | Microsemi Corp. (B1)                          |
| ** 1N5518B-1, C-1, D-1,<br>BUR-1, CUR-1, DUR-1 thru<br>1N5546B-1, C-1, D-1,<br>BUR-1, CUR-1, DUR-1 | NS           | CCZL                                    | 19500-151-89<br>19500-251-76          | /437                         | Microsemi Corp. (B1, B2)                      |
| ** 1N5530B-1, C-1, D-1 thru<br>1N5546B-1, C-1, D-1                                                 |              | CERJ                                    | 19500-359-83                          | /437                         | BKC Semiconductors, Inc.                      |
| ** 1N5533B thru 1N5545B                                                                            | 3            | CEJL                                    | 19500-371-88                          | /437                         | Knox Semiconductor, Inc.                      |
| * 1N5550 thru 1N5552 1/                                                                            |              | CAKK                                    | 19500-590-76                          | /420                         | General Instrument Corp.                      |
| ** 1N5550 and US thru<br>1N5554 and US                                                             | NS           | CCYL                                    | 19500-851-78                          | /420                         | Microsemi Corp. (A1, A2)                      |
| § 1N5550 and US thru<br>1N5554 and US                                                              | NS           | CCYL                                    | 19500-737-90                          | /420                         | Microsemi Corp. (A1)                          |
| ** 1N5550 and US thru<br>1N5553 and US                                                             | NS           | CDAS                                    | 19500-901-87                          | /420                         | Microsemi-Watertown (1)                       |
| ** 1N5550 thru 1N5554                                                                              |              | CDBV                                    | 19500-875-80                          | /420                         | Semtech Corp. (1)                             |

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| ** 1N5550 and US thru<br>1N5554 and US | 3            | CQN                                     | 19500-554-72                          | /420                         | Sensitron Semiconductor                       |
| ** 1N5550 thru 1N5554                  | 3            | CETH                                    | 19500-692-92                          | /420                         | Voltage Multipliers, Inc.                     |
| * 1N5553 and 1N5554 <u>1/</u>          |              | CAKK                                    | 19500-980-81                          | /420                         | General Instrument Corp.                      |
| ** 1N5555 thru 1N5557 <u>1/</u>        |              | CDCG                                    | 19500-617-92                          | /500                         | General Semiconductor Ireland                 |
| ** 1N5555 thru 1N5557                  | NS           | CCZL                                    | 19500-8-89                            | /500                         | Microsemi Corp. (B1)                          |
| ** 1N5555 thru 1N5558                  |              | CDRF                                    | 19500-8-76                            | /500                         | Semicon Components, Inc.                      |
| ** 1N5558 <u>1/</u>                    |              | CDCG                                    | 19500-618-92                          | /500                         | General Semiconductor Ireland                 |
| ** 1N5558                              | NS           | CCZL                                    | 19500-9-89                            | /500                         | Microsemi Corp. (B1)                          |
| ++ 1N5597                              | NS           | CDAS                                    | 19500-186-80                          | /404                         | Microsemi-Watertown (1)                       |
| ++ 1N5600                              | NS           | CDAS                                    | 19500-464-80                          | /404                         | Microsemi-Watertown (1)                       |
| ++ 1N5603                              | NS           | CDAS                                    | 19500-464-80                          | /404                         | Microsemi-Watertown (1)                       |
| ** 1N5610 thru 1N5613                  | NS           | CDAS                                    | 19500-1075-76                         | /434                         | Microsemi-Watertown (1)                       |
| * 1N5614 <u>1/</u>                     |              | CAKK                                    | 19500-917-81                          | /427                         | General Instrument Corp.                      |
| ** 1N5614 and US                       | NS           | CCYL                                    | 19500-644-75                          | /427                         | Microsemi Corp. (A1, A2)                      |
| § 1N5614 and US                        | NS           | CCYL                                    | 19500-694-87                          | /427                         | Microsemi Corp. (A1)                          |
| ** 1N5614                              | NS           | CDAS                                    | 19500-184-91                          | /427                         | Microsemi-Watertown (1)                       |
| ** 1N5614                              |              | CDBV                                    | 19500-876-80                          | /427                         | Semtech Corp. (1)                             |
| ** 1N5614 and US                       | 3            | CQN                                     | 19500-454-93                          | /427                         | Sensitron Semiconductor                       |
| ** 1N5614 and US                       | 3            | CETH                                    | 19500-042-92                          | /427                         | Voltage Multipliers, Inc.                     |
| * 1N5615 <u>1/</u>                     |              | CAKK                                    | 19500-218-81                          | /429                         | General Instrument Corp.                      |
| ** 1N5615 and US                       | NS           | CCYL                                    | 19500-645-75                          | /429                         | Microsemi Corp. (A1, A2)                      |
| § 1N5615 and US                        | NS           | CCYL                                    | 19500-1091-82                         | /429                         | Microsemi Corp. (A1)                          |
| ** 1N5615 and US                       | NS           | CDAS                                    | 19500-184-91                          | /429                         | Microsemi-Watertown (1)                       |
| ** 1N5615                              |              | CDEV                                    | 19500-876-80                          | /429                         | Semtech Corp. (1)                             |
| ** 1N5615 and US                       | 3            | CQN                                     | 19500-454-93                          | /429                         | Sensitron Semiconductor                       |
| ** 1N5615                              | 3            | CETH                                    | 19500-167-92                          | /429                         | Voltage Multipliers, Inc.                     |
| * 1N5616 <u>1/</u>                     |              | CAKK                                    | 19500-917-81                          | /427                         | General Instrument Corp.                      |
| ** 1N5616 and US                       | NS           | CCYL                                    | 19500-644-75                          | /427                         | Microsemi Corp. (A1, A2)                      |
| § 1N5616 and US                        | NS           | CCYL                                    | 19500-694-87                          | /427                         | Microsemi Corp. (A1)                          |
| ** 1N5616 and US                       | NS           | CDAS                                    | 19500-184-91                          | /427                         | Microsemi-Watertown (1)                       |
| ** 1N5616                              |              | CDBV                                    | 19500-876-80                          | /427                         | Semtech Corp. (1)                             |
| ** 1N5616 and US                       | 3            | CQN                                     | 19500-454-93                          | /427                         | Sensitron Semiconductor                       |
| ** 1N5616 and US                       | 3            | CETH                                    | 19500-042-92                          | /427                         | Voltage Multipliers, Inc.                     |

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| * 1N5617 1/                    |              | CAKK                                    | 19500-218-81                          | /429                         | General Instrument Corp.                      |
| ** 1N5617 and US               | NS           | CCYL                                    | 19500-645-75                          | /429                         | Microsemi Corp. (A1, A2)                      |
| \$ 1N5617 and US               | NS           | CCYL                                    | 19500-1091-82                         | /429                         | Microsemi Corp. (A1)                          |
| ** 1N5617 and US               | NS           | CDAS                                    | 19500-184-91                          | /429                         | Microsemi-Watertown (1)                       |
| ** 1N5617                      |              | CDBV                                    | 19500-876-80                          | /429                         | Semtech Corp. (1)                             |
| ** 1N5617 and US               | 3            | CQN                                     | 19500-454-93                          | /429                         | Sensitron Semiconductor                       |
| ** 1N5617                      | 3            | CETH                                    | 19500-589-87                          | /429                         | Voltage Multipliers, Inc.                     |
| * 1N5618 1/                    |              | CAKK                                    | 19500-917-81                          | /427                         | General Instrument Corp.                      |
| ** 1N5618 and US               | NS           | CCYL                                    | 19500-644-75                          | /427                         | Microsemi Corp. (A1, A2)                      |
| \$ 1N5618 and US               | NS           | CCYL                                    | 19500-694-87                          | /427                         | Microsemi Corp. (A1)                          |
| ** 1N5618 and US               | NS           | CDAS                                    | 19500-184-91                          | /427                         | Microsemi-Watertown (1)                       |
| ** 1N5618                      |              | CDBV                                    | 19500-876-80                          | /427                         | Semtech Corp. (1)                             |
| ** 1N5618 and US               | 3            | CQN                                     | 19500-454-93                          | /427                         | Sensitron Semiconductor                       |
| ** 1N5618 and US               | 3            | CETH                                    | 19500-042-92                          | /427                         | Voltage Multipliers, Inc.                     |
| * 1N5619 1/                    |              | CAKK                                    | 19500-218-81                          | /429                         | General Instrument Corp.                      |
| ** 1N5619 and US               | NS           | CCYL                                    | 19500-645-75                          | /429                         | Microsemi Corp. (A1, A2)                      |
| \$ 1N5619 and US               | NS           | CCYL                                    | 19500-1091-82                         | /429                         | Microsemi Corp. (A1)                          |
| ** 1N5619 and US               | NS           | CDAS                                    | 19500-184-91                          | /429                         | Microsemi-Watertown (1)                       |
| ** 1N5619                      |              | CDBV                                    | 19500-876-80                          | /429                         | Semtech Corp. (1)                             |
| ** 1N5619 and US               | 3            | CQN                                     | 19500-454-93                          | /429                         | Sensitron Semiconductor                       |
| ** 1N5619                      | 3            | CETH                                    | 19500-167-92                          | /429                         | Voltage Multipliers, Inc.                     |
| * 1N5620 1/                    |              | CAKK                                    | 19500-917-81                          | /427                         | General Instrument Corp.                      |
| ** 1N5620 and US               | NS           | CCYL                                    | 19500-644-75                          | /427                         | Microsemi Corp. (A1)                          |
| * 1N5620 and US                | NS           | CCYL                                    | 19500-644-75                          | /427                         | Microsemi Corp. (A2)                          |
| ** 1N5620 and US               | NS           | CDAS                                    | 19500-184-91                          | /427                         | Microsemi-Watertown (1)                       |
| ** 1N5620                      |              | CDBV                                    | 19500-876-80                          | /427                         | Semtech Corp. (1)                             |
| ** 1N5620 and US               | 3            | CQN                                     | 19500-454-93                          | /427                         | Sensitron Semiconductor                       |
| ** 1N5620 and US               | 3            | CETH                                    | 19500-042-92                          | /427                         | Voltage Multipliers, Inc.                     |
| * 1N5621 1/                    |              | CAKK                                    | 19500-218-81                          | /429                         | General Instrument Corp.                      |
| ** 1N5621 and US               | NS           | CCYL                                    | 19500-645-75                          | /429                         | Microsemi Corp. (A1)                          |
| * 1N5621 and US                | NS           | CCYL                                    | 19500-645-75                          | /429                         | Microsemi Corp. (A2)                          |
| \$ 1N5621 and US               | NS           | CCYL                                    | 19500-1091-82                         | /429                         | Microsemi Corp. (A1)                          |
| ** 1N5621                      |              | CDBV                                    | 19500-876-80                          | /429                         | Semtech Corp. (1)                             |
| ** 1N5621 and US               | 3            | CQN                                     | 19500-454-93                          | /429                         | Sensitron Semiconductor                       |
| ** 1N5621                      | 3            | CETH                                    | 19500-167-92                          | /429                         | Voltage Multipliers, Inc.                     |

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| * 1N5622 1/                    |              | CAKK                                    | 19500-917-81                          | /427                         | General Instrument Corp.                      |
| ** 1N5622 and US               | NS           | CCYL                                    | 19500-644-75                          | /427                         | Microsemi Corp. (A1, A2)                      |
| ** 1N5622 and US               | NS           | CDAS                                    | 19500-184-91                          | /427                         | Microsemi-Watertown (1)                       |
| ** 1N5622                      |              | CDBV                                    | 19500-876-80                          | /427                         | Semtech Corp. (1)                             |
| ** 1N5622 and US               | 3            | CQN                                     | 19500-454-93                          | /427                         | Sensitron Semiconductor                       |
| ** 1N5622 and US               | 3            | CETH                                    | 19500-042-92                          | /427                         | Voltage Multipliers, Inc.                     |
| * 1N5623 1/                    |              | CAKK                                    | 19500-218-81                          | /429                         | General Instrument Corp.                      |
| ** 1N5623 and US               | NS           | CCYL                                    | 19500-165-90                          | /429                         | Microsemi Corp. (A1, A2)                      |
| § 1N5623 and US                | NS           | CCYL                                    | 19500-1091-82                         | /429                         | Microsemi Corp. (A1)                          |
| ** 1N5623                      |              | CDBV                                    | 19500-876-80                          | /429                         | Semtech Corp. (1)                             |
| ** 1N5623 and US               | 3            | CQN                                     | 19500-454-93                          | /429                         | Sensitron Semiconductor                       |
| ** 1N5623                      | 3            | CETH                                    | 19500-167-92                          | /429                         | Voltage Multipliers, Inc.                     |
| ** 1N5629A thru 1N5633A 1/     |              | CDCG                                    | 19500-620-92                          | /500                         | General Semiconductor Ireland                 |
| ** 1N5629A thru 1N5656A        | NS           | CCZL                                    | 19500-008-89                          | /500                         | Microsemi Corp. (B1)                          |
| ** 1N5629A thru 1N5665A        |              | CDKF                                    | 19500-8-76                            | /500                         | Semicon Components, Inc.                      |
| ** 1N5634A thru 1N5657A 1/     |              | CDCG                                    | 19500-617-92                          | /500                         | General Semiconductor Ireland                 |
| ** 1N5657A thru 1N5665A        | NS           | CCZL                                    | 19500-009-89                          | /500                         | Microsemi Corp. (B1)                          |
| ** 1N5658A thru 1N5665A 1/     |              | CDCG                                    | 19500-618-92                          | /500                         | General Semiconductor Ireland                 |
| ** 1N5711, -1, UR-1            | 1            | CDWR                                    | 19500-156-91                          | /444                         | Compensated Devices, Inc.                     |
| JANCA5711                      | 1            | CDWR                                    | 19500-827-92                          | /444                         | Compensated Devices, Inc.                     |
| ** 1N5711                      |              | CAQI                                    | 19500-509-72                          | /444                         | Hewlett-Packard (A1, A2)                      |
| ** 1N5712-1, UR-1              | 1            | CDWR                                    | 19500-156-91                          | /445                         | Compensated Devices, Inc.                     |
| ** 1N5712                      |              | CAQI                                    | 19500-207-79                          | /445                         | Hewlett-Packard (A1, A2)                      |
| * 1N5719                       |              | CAQI                                    | 19500-1072-77                         | /443                         | Hewlett-Packard (A1, A2)                      |
| * 1N5719                       |              | CBYI                                    | 19500-179-72                          | /443                         | M/A-COM, Inc.                                 |
| * 1N5765                       |              | CAQI                                    | 19500-983-82                          | /467                         | Hewlett-Packard (B1, B2)                      |
| * 1N5765                       |              | CEJG                                    | 19500-413-91                          | /467                         | Micropac Industries, Inc. (1, 2)              |
| ** 1N5768                      | 3            | CESD                                    | 19500-989-87                          | /474                         | Linfinity Microelectronics, Inc. (1)          |
| * 1N5768                       | 3            | CESD                                    | 19500-989-87                          | /474                         | Linfinity Microelectronics, Inc. (2)          |
| ** 1N5768 1/                   |              | CCXP                                    | 19500-454-91                          | /474                         | National Semiconductor                        |
| ** 1N5770                      | 3            | CESD                                    | 19500-989-87                          | /474                         | Linfinity Microelectronics, Inc. (1)          |
| * 1N5770                       | 3            | CESD                                    | 19500-989-87                          | /474                         | Linfinity Microelectronics, Inc. (2)          |
| ** 1N5770 1/                   |              | CCXP                                    | 19500-455-91                          | /474                         | National Semiconductor                        |
| ** 1N5772                      | 3            | CESD                                    | 19500-989-87                          | /474                         | Linfinity Microelectronics, Inc. (1)          |
| * 1N5772                       | 3            | CESD                                    | 19500-989-87                          | /474                         | Linfinity Microelectronics, Inc. (2)          |
| ** 1N5772 1/                   |              | CCXP                                    | 19500-591-90                          | /474                         | National Semiconductor                        |

| GOVERNMENT TYPE<br>DESIGNATION | ESD<br>CLASS | MANUFACTURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | DETAIL<br>SPECIFI-<br>CATION | MANUFACTURER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| ** 1N5774                      | 3            | CESD                                    | 19500-35-89                           | /474                         | Linfinity Microelectronics, Inc. (1)          |
| * 1N5774                       | 3            | CESD                                    | 19500-35-89                           | /474                         | Linfinity Microelectronics, Inc. (2)          |
| ** 1N5774 1/                   |              | CCXP                                    | 19500-592-90                          | /474                         | National Semiconductor                        |
| ** 1N5802                      |              | CERJ                                    | 19500-125-89                          | /477                         | BKC Semiconductors, Inc.                      |
| ** 1N5802 and US               | NS           | CCYL                                    | 19500-855-78                          | /477                         | Microsemi Corp. (A1, A2)                      |
| \$ 1N5802 and US               | NS           | CCYL                                    | 19500-688-87                          | /477                         | Microsemi Corp. (A1)                          |
| ** 1N5802 and US               | NS           | CDAS                                    | 19500-113-88                          | /477                         | Microsemi-Watertown (1)                       |
| ** 1N5802                      |              | CDBV                                    | 19500-292-88                          | /477                         | Semtech Corp. (1)                             |
| ** 1N5804                      |              | CERJ                                    | 19500-125-89                          | /477                         | BKC Semiconductors, Inc.                      |
| ** 1N5804 and US               | NS           | CCYL                                    | 19500-855-78                          | /477                         | Microsemi Corp. (A1, A2)                      |
| \$ 1N5804 and US               | NS           | CCYL                                    | 19500-688-87                          | /477                         | Microsemi Corp. (A1)                          |
| ** 1N5804 and US               | NS           | CDAS                                    | 19500-113-88                          | /477                         | Microsemi-Watertown (1)                       |
| ** 1N5804                      |              | CDBV                                    | 19500-292-88                          | /477                         | Semtech Corp. (1)                             |
| ** 1N5806                      |              | CERJ                                    | 19500-125-89                          | /477                         | BKC Semiconductors, Inc.                      |
| ** 1N5806 and US               | NS           | CCYL                                    | 19500-855-78                          | /477                         | Microsemi Corp. (A1, A2)                      |
| \$ 1N5806 and US               | NS           | CCYL                                    | 19500-688-87                          | /477                         | Microsemi Corp. (A1)                          |
| ** 1N5806 and US               | NS           | CDAS                                    | 19500-113-88                          | /477                         | Microsemi-Watertown (1)                       |
| ** 1N5806                      |              | CDBV                                    | 19500-292-88                          | /477                         | Semtech Corp. (1)                             |
| ** 1N5807                      |              | CERJ                                    | 19500-124-89                          | /477                         | BKC Semiconductors, Inc.                      |
| ** 1N5807 and US               | NS           | CCYL                                    | 19500-1152-81                         | /477                         | Microsemi Corp. (A1, A2)                      |
| \$ 1N5807 and US               | NS           | CCYL                                    | 19500-690-87                          | /477                         | Microsemi Corp. (A1)                          |
| ** 1N5807 and US               | NS           | CDAS                                    | 19500-114-88                          | /477                         | Microsemi-Watertown (1)                       |
| ** 1N5807                      |              | CDBV                                    | 19500-293-88                          | /477                         | Semtech Corp. (1)                             |
| ** 1N5807                      | 3            | CQN                                     | 19500-1114-80                         | /477                         | Sensitron Semiconductor                       |
| ** 1N5809                      |              | CERJ                                    | 19500-124-89                          | /477                         | BKC Semiconductors, Inc.                      |
| ** 1N5809 and US               | NS           | CCYL                                    | 19500-1152-81                         | /477                         | Microsemi Corp. (A1, A2)                      |
| \$ 1N5809 and US               | NS           | CCYL                                    | 19500-690-87                          | /477                         | Microsemi Corp. (A1)                          |
| ** 1N5809 and US               | NS           | CDAS                                    | 19500-114-88                          | /477                         | Microsemi-Watertown (1)                       |
| ** 1N5809                      |              | CDBV                                    | 19500-293-88                          | /477                         | Semtech Corp. (1)                             |
| ** 1N5809                      | 3            | CQN                                     | 19500-1114-80                         | /477                         | Sensitron Semiconductor                       |
| ** 1N5811                      |              | CERJ                                    | 19500-124-89                          | /477                         | BKC Semiconductors, Inc.                      |
| ** 1N5811 and US               | NS           | CCYL                                    | 19500-1152-81                         | /477                         | Microsemi Corp. (A1, A2)                      |
| \$ 1N5811 and US               | NS           | CCYL                                    | 19500-690-87                          | /477                         | Microsemi Corp. (A1)                          |
| ** 1N5811 and US               | NS           | CDAS                                    | 19500-114-88                          | /477                         | Microsemi-Watertown (1)                       |
| ** 1N5811                      |              | CDBV                                    | 19500-293-88                          | /477                         | Semtech Corp. (1)                             |
| ** 1N5811                      | 3            | CQN                                     | 19500-1114-80                         | /477                         | Sensitron Semiconductor                       |

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| ** 1N5812 and R                       | NS           | CEWP                                    | 19500-349-88                          | /478                         | Microsemi-Colorado                            |
| ** 1N5812 and R                       | NS           | CDAS                                    | 19500-220-89                          | /478                         | Microsemi-Watertown (1)                       |
| * 1N5812                              | NS           | CDAS                                    | 19500-220-89                          | /478                         | Microsemi-Watertown (3)                       |
| ** 1N5812 and R                       |              | CDKF                                    | 19500-558-92                          | /478                         | Semicon Components, Inc.                      |
| ** 1N5812 and R                       |              | CDVL                                    | 19500-1223-82                         | /478                         | Solid State Devices, Inc.                     |
| ** 1N5814 and R                       | NS           | CEWP                                    | 19500-349-88                          | /478                         | Microsemi-Colorado                            |
| ** 1N5814 and R                       | NS           | CDAS                                    | 19500-220-89                          | /478                         | Microsemi-Watertown (1)                       |
| * 1N5814                              | NS           | CDAS                                    | 19500-220-89                          | /478                         | Microsemi-Watertown (3)                       |
| ** 1N5814 and R                       |              | CDKF                                    | 19500-558-92                          | /478                         | Semicon Components, Inc.                      |
| ** 1N5814 and R                       |              | CDVL                                    | 19500-1223-82                         | /478                         | Solid State Devices, Inc.                     |
| ** 1N5816 and R                       | NS           | CEWP                                    | 19500-349-88                          | /478                         | Microsemi-Colorado                            |
| ** 1N5816 and R                       | NS           | CDAS                                    | 19500-220-89                          | /478                         | Microsemi-Watertown (1)                       |
| * 1N5816                              | NS           | CDAS                                    | 19500-220-89                          | /478                         | Microsemi-Watertown (3)                       |
| ** 1N5816 and R                       |              | CDKF                                    | 19500-558-92                          | /478                         | Semicon Components, Inc.                      |
| ** 1N5816 and R                       |              | CDVL                                    | 19500-1223-82                         | /478                         | Solid State Devices, Inc.                     |
| ++ 1N5819-1 and UR-1                  | NS           | CDWR                                    | 19500-112-93                          | /586                         | Compensated Devices, Inc.                     |
| ** 1N5907 <u>1/</u>                   |              | CDCG                                    | 19500-408-80                          | /500                         | General Semiconductor Ireland                 |
| ** 1N5907                             | NS           | CCZL                                    | 19500-008-89                          | /500                         | Microsemi Corp. (B1)                          |
| ** 1N5907                             |              | CDKF                                    | 19500-8-76                            | /500                         | Semicon Components, Inc.                      |
| ** 1N5968 and 1N5969                  | NS           | CCYL                                    | 19500-1504-69                         | /356                         | Microsemi Corp. (A1, A2)                      |
| ** 1N5968 and US and<br>1N5969 and US | NS           | CDAS                                    | 19500-91-78                           | /356                         | Microsemi-Watertown (1)                       |
| ** 1N5969                             |              | CERJ                                    | 19500-039-90                          | /356                         | BKC Semiconductors, Inc.                      |
| ** 1N6036A thru 1N6046A <u>1/</u>     |              | CDCG                                    | 19500-621-92                          | /507(USAF)                   | General Semiconductor Ireland                 |
| ** 1N6047A thru 1N6063A <u>1/</u>     |              |                                         | 19500-622-92                          |                              |                                               |
| ** 1N6064A thru 1N6072A <u>1/</u>     |              |                                         | 19500-623-92                          |                              |                                               |
| ** 1N6036A thru 1N6067A               | NS           | CCZL                                    | 19500-370-92                          | /507(USAF)                   | Microsemi Corp. (B1)                          |
| ** 1N6036A thru 1N6072A               |              | CDKF                                    | 19500-684-80                          | /507(USAF)                   | Semicon Components, Inc.                      |
| ** 1N6068A thru 1N6072A               | NS           | CCZL                                    | 19500-6-89                            | /507(USAF)                   | Microsemi Corp. (B1)                          |
| ** 1N6073 thru 1N6075                 |              | CDBV                                    | 19500-292-88                          | /503(ER)                     | Semtech Corp. (1)                             |
| ** 1N6076 thru 1N6081                 |              |                                         | 19500-875-80                          |                              |                                               |
| ** 1N6074 and 1N6075                  | NS           | CCYL                                    | 19500-855-78                          | /503(ER)                     | Microsemi Corp. (A1, A2)                      |
| * 1N6092                              |              | CAQI                                    | 19500-983-82                          | /519(ER)                     | Hewlett-Packard (B1, B2)                      |
| * 1N6093                              |              |                                         | 19500-983-82                          | /520(ER)                     |                                               |
| * 1N6094                              |              |                                         | 19500-649-83                          | /521(ER)                     |                                               |
| * 1N6092                              |              | CEJG                                    | 19500-1708-86                         | /519(ER)                     | Micropac Industries, Inc. (1, 2)              |
| * 1N6093                              |              |                                         |                                       | /520(ER)                     |                                               |
| * 1N6094                              |              |                                         |                                       | /521(ER)                     |                                               |

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| ** 1N6100 and 1N6101                                             | 1            | CESD                                    | 19500-545-90                          | /474                         | Linfinity Microelectronics, Inc. (1)          |
| * 1N6100 and 1N6101                                              | 1            | CESD                                    | 19500-545-90                          | /474                         | Linfinity Microelectronics, Inc. (2)          |
| ** 1N6100 and 1N6101 1/                                          |              | CCXP                                    | 19500-835-90                          | /474                         | National Semiconductor                        |
| ** 1N6102 and A thru<br>1N6137 and A                             |              | CDKF                                    | 19500-670-87                          | /516(ER)                     | Semicon Components, Inc.                      |
| ** 1N6102 and A thru<br>1N6137 and A                             |              | CDBV                                    | 19500-831-87                          | /516(ER)                     | Semtech Corp. (1)                             |
| ** 1N6103, A, US and AUS thru<br>1N6137, A, US and AUS           | NS           | CCYL                                    | 19500-1160-81                         | /516(ER)                     | Microsemi Corp. (A1, A2)                      |
| § 1N6103, A, US and AUS thru<br>1N6118, A, US and AUS            | NS           | CCYL                                    | 19500-1092-82                         | /516(ER)                     | Microsemi Corp. (A1)                          |
| ** 1N6106 and A thru<br>1N6127 and A                             |              | CERJ                                    | 19500-573-92                          | /516(ER)                     | BKC Semiconductors                            |
| ** 1N6138 and A thru<br>1N6173 and A                             |              | CDBV                                    | 19500-832-87                          | /516(ER)                     | Semtech Corp. (1)                             |
| ** 1N6139, A, US and AUS thru<br>1N6173, A, US and AUS           | NS           | CCYL                                    | 19500-1261-81                         | /516(ER)                     | Microsemi Corp. (A1, A2)                      |
| ** 1N6149 and A thru<br>1N6173 and A                             |              | CDKF                                    | 19500-053-93                          | /516(ER)                     | Semicon Components, Inc.                      |
| ** 1N6304 and R thru<br>1N6306 and R                             | NS           | CEWP                                    | 19500-350-88                          | /550(USAF)                   | Microsemi-Colorado                            |
| ** 1N6304 and R thru<br>1N6306 and R                             | NS           | CDAS                                    | 19500-221-89                          | /550(USAF)                   | Microsemi-Watertown (1)                       |
| * 1N6304 thru 1N6306                                             | NS           | CDAS                                    | 19500-221-89                          | /550(USAF)                   | Microsemi-Watertown (3)                       |
| ++ 1N6304 and R thru<br>1N6306 and R                             |              | CDKF                                    | 19500-117-93                          | /550(USAF)                   | Semicon Components, Inc.                      |
| ** 1N6309, C, D, US, CUS, DUS thru<br>1N6319, C, D, US, CUS, DUS | NS           | CCYL                                    | 19500-104-94                          | /533                         | Microsemi Corp. (A1, A2)                      |
| ++ 1N6320 thru 1N6336                                            | NS           | CCYL                                    | 19500-672-76<br>19500-527-78          | /533                         | Microsemi Corp. (A1, A2)                      |
| ++ 1N6320US thru 1N6336US                                        | NS           | CCYL                                    | 19500-131-92                          | /533                         | Microsemi Corp. (A1, A2)                      |
| § 1N6320 thru 1N6336                                             | NS           | CCYL                                    | 19500-1088-82                         | /533                         | Microsemi Corp. (A1)                          |
| § 1N6320US thru 1N6336US                                         | NS           | CCYL                                    | 19500-131-92                          | /533                         | Microsemi Corp. (A1)                          |
| ++ 1N6321 thru 1N6355                                            |              | CERJ                                    | 19500-405-90                          | /533                         | BKC Semiconductors, Inc.                      |
| ** 1N6391                                                        |              | CCBS                                    | 19500-329-89                          | /553(USAF)                   | International Rectifier Corp. (1)             |
| ** 1N6391                                                        | NS           | CEWP                                    | 19500-139-89                          | /553(USAF)                   | Microsemi-Colorado                            |
| ** 1N6391                                                        | NS           | CDAS                                    | 19500-239-83                          | /553(USAF)                   | Microsemi-Watertown (1)                       |
| * 1N6391                                                         | NS           | CDAS                                    | 19500-239-83                          | /553(USAF)                   | Microsemi-Watertown (3)                       |
| ** 1N6392                                                        |              | CCBS                                    | 19500-330-89                          | /554(USAF)                   | International Rectifier Corp. (1)             |
| * 1N6392                                                         |              | CCBS                                    | 19500-516-85                          | /554(USAF)                   | International Rectifier Corp. (3)             |
| ** 1N6392                                                        | NS           | CEWP                                    | 19500-140-89                          | /554(USAF)                   | Microsemi-Colorado                            |
| ** 1N6392                                                        | NS           | CDAS                                    | 19500-240-83                          | /554(USAF)                   | Microsemi-Watertown (1)                       |
| * 1N6392                                                         | NS           | CDAS                                    | 19500-291-86                          | /554(USAF)                   | Microsemi-Watertown (3)                       |

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| ** 1N6461 thru 1N6468                  | NS           | CCYL                                    | 19500-1160-81                                                                | /551(USAF)                   | Microsemi Corp. (A1, A2)                      |
| ** 1N6461 and US thru<br>1N6468 and US | NS           | CDAS                                    | 19500-142-83<br>19500-848-82                                                 | /551(USAF)                   | Microsemi-Watertown (1)                       |
| ** 1N6461 thru 1N6468                  |              | CDKF                                    | 19500-742-92                                                                 | /551(USAF)                   | Semicon Components, Inc.                      |
| ** 1N6461 thru 1N6468                  |              | CDBV                                    | 19500-831-87                                                                 | /551(USAF)                   | Semtech Corp. (1)                             |
| ** 1N6463 thru 1N6468                  |              | CERJ                                    | 19500-058-94                                                                 | /551(USAF)                   | BKC Semiconductors                            |
| ** 1N6469 thru 1N6476                  | NS           | CCYL                                    | 19500-1261-81                                                                | /552                         | Microsemi Corp. (A1, A2)                      |
| ** 1N6469 thru 1N6476                  | NS           | CDBV                                    | 19500-832-87                                                                 | /552                         | Semtech Corp. (1)                             |
| ** 1N6473 thru 1N6476                  |              | CDKF                                    | 19500-055-93                                                                 | /552                         | Semicon Components, Inc.                      |
| ** 1N6485 and US thru<br>1N6491 and US | NS           | CCYL                                    | 19500-1100-85                                                                | /406                         | Microsemi Corp. (A1, A2)                      |
| ++ 1N6491                              |              | CDKF                                    | 19500-048-93                                                                 | /406                         | Semicon Components, Inc.                      |
| ++ 1N6492                              | NS           | CDAS                                    | 19500-557-89                                                                 | /567                         | Microsemi-Watertown (1)                       |
| + 1N6493 thru 1N6495                   |              | CEJG                                    | 19500-247-89                                                                 | /572                         | Micropac Industries, Inc. (1)                 |
| ** 1N6496 <u>1/</u>                    |              | CCXP                                    | 19500-591-90                                                                 | /474                         | National Semiconductor                        |
| + 1N6497 thru 1N6499                   |              | CEJG                                    | 19500-247-89                                                                 | /574                         | Micropac Industries, Inc. (1)                 |
| + 1N6500 thru 1N6502                   |              | CEJG                                    | 19500-274-89                                                                 | /572                         | Micropac Industries, Inc. (1)                 |
| + 1N6503 thru 1N6505                   |              | CEJG                                    | 19500-274-89                                                                 | /574                         | Micropac Industries, Inc. (1)                 |
| ** 1N6506 thru 1N6509                  | 3            | CESD                                    | 19500-989-87<br>19500-35-89                                                  | /474                         | Linfinity Microelectronics, Inc. (1)          |
| * 1N6506 thru 1N6509                   | 3            | CESD                                    | 19500-989-87<br>19500-35-89                                                  | /474                         | Linfinity Microelectronics, Inc. (2)          |
| ** 1N6506 thru 1N6511 <u>1/</u>        |              | CCXP                                    | 19500-454-91<br>19500-455-91<br>19500-591-91<br>19500-592-90<br>19500-835-90 | /474                         | National Semiconductor                        |
| ** 1N6510 and 1N6511                   | 1            | CESD                                    | 19500-545-90                                                                 | /474                         | Linfinity Microelectronics, Inc. (1)          |
| * 1N6510 and 1N6511                    | 1            | CESD                                    | 19500-545-90                                                                 | /474                         | Linfinity Microelectronics, Inc. (2)          |
| ** 1N6512 and U thru<br>1N6519 and U   | 3            | CETH                                    | 19500-188-92                                                                 | /575                         | Voltage Multipliers, Inc.                     |
| ++ 1N6520 thru 1N6527                  | 3            | CETH                                    | 19500-033-92                                                                 | /576                         | Voltage Multipliers, Inc.                     |
| ++ 1N6528 thru 1N6535                  | 3            | CETH                                    | 19500-038-92                                                                 | /577                         | Voltage Multipliers, Inc.                     |
| * 1N6609                               |              | CEJG                                    | 19500-1708-86                                                                | /519                         | Micropac Industries, Inc. (1, 2)              |
| * 1N6610                               |              |                                         |                                                                              | /520                         |                                               |
| * 1N6611                               |              |                                         |                                                                              | /521                         |                                               |
| ++ 1N6620 and US thru<br>1N6625 and US | NS           | CCYL                                    | 19500-677-91                                                                 | /585                         | Microsemi Corp. (A1, A2)                      |
| ++ 1N6625 and US thru<br>1N6631 and US | NS           | CCYL                                    | 19500-678-91                                                                 | /590                         | Microsemi Corp. (A1, A2)                      |
| ++ 1N6626 and US thru<br>1N6631 and US | 3            | CQN                                     | 19500-717-92                                                                 | /590                         | Sensitron Semiconductor                       |

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| ++ 1N6638                              |              | CERJ                                    | 19500-403-90                          | /578                         | BKC Semiconductors, Inc.                      |
| ++ 1N6638 and U                        | NS           | CCYL                                    | 19500-028-93                          | /578                         | Microsemi Corp. (A1, A2)                      |
| ++ 1N6638 and U                        | NS           | CDAS                                    | 19500-084-92                          | /578                         | Microsemi-Watertown (1)                       |
| ++ 1N6639 and US thru<br>1N6641 and US |              | CCYL                                    | 19500-093-94                          | /609                         | Microsemi Corp. (A1, A2)                      |
| \$ 1N6639 and US thru<br>1N6641 and US |              | CCYL                                    | 19500-093-94                          | /609                         | Microsemi Corp. (A1)                          |
| ++ 1N6642 and 1N6643                   |              | CERJ                                    | 19500-403-90                          | /578                         | BKC Semiconductors, Inc.                      |
| ++ 1N6642 and U and<br>1N6643 and U    | NS           | CCYL                                    | 19500-093-94                          | /578                         | Microsemi Corp. (A1, A2)                      |
| \$ 1N6642 and U and<br>1N6643 and U    | NS           | CCYL                                    | 19500-093-94                          | /578                         | Microsemi Corp. (A1)                          |
| ++ 1N6642 and U and<br>++ 1N6643 and U | NS           | CDAS                                    | 19500-084-92                          | /578                         | Microsemi-Watertown (1)                       |
| \$ 1N6661 and US thru<br>1N6663 and US |              | CCYL                                    | 19500-122-94                          | /587                         | Microsemi Corp. (A1)                          |
| ++ 1N6661 and US thru<br>1N6663 and US |              | CCYL                                    | 19500-122-94                          | /587                         | Microsemi Corp. (A1, A2)                      |
| ** M19500/469-01 thru -05              | 3            | CQN                                     | 19500-718-87                          | /469                         | Sensitron Semiconductor                       |
| * M19500/469-01 thru -03               | NS           | CDAS                                    | 19500-300-84                          | /469                         | Microsemi-Watertown (1)                       |
| * M19500/483-01 and -02                | NS           | CCYL                                    | 19500-475-90                          | /483                         | Microsemi Corp. (A1)                          |
| * M19500/483-01 thru -03               | NS           | CDAS                                    | 19500-857-87                          | /483                         | Microsemi-Watertown (1, 2)                    |
| * M19500/483-01 thru -03               |              | CDBV                                    | 19500-69-88                           | /483                         | Semtech Corp. (1, 2)                          |
| * M19500/483-01 thru -03               | 3            | CQN                                     | 19500-432-86                          | /483                         | Sensitron Semiconductor                       |
| M19500/51901                           |              | CAQI                                    | 19500-983-82                          | /519(ER)                     | Hewlett-Packard (B1, B2)                      |
| M19500/51901 and /51903                |              | CEJG                                    | 19500-1706-86                         | /519(ER)                     | Micropac Industries, Inc. (1, 2)              |
| + M19500/51902                         |              | CAQI                                    | 19500-983-82                          | /519(ER)                     | Hewlett-Packard (B1, B2)                      |
| + M19500/51902 and /51904              |              | CEJG                                    | 19500-1706-86                         | /519(ER)                     | Micropac Industries, Inc. (1, 2)              |
| M19500/52001                           |              | CAQI                                    | 19500-983-82                          | /520(ER)                     | Hewlett-Packard (B1, B2)                      |
| M19500/52001 and /52003                |              | CEJG                                    | 19500-1706-86                         | /520(ER)                     | Micropac Industries, Inc. (1, 2)              |
| + M19500/52002                         |              | CAQI                                    | 19500-983-82                          | /520(ER)                     | Hewlett-Packard (B1, B2)                      |
| + M19500/52002 and /52004              |              | CEJG                                    | 19500-1706-86                         | /520(ER)                     | Micropac Industries, Inc. (1, 2)              |
| M19500/52101                           |              | CAQI                                    | 19500-649-83                          | /521(ER)                     | Hewlett-Packard (B1, B2)                      |
| M19500/52101 and /52103                |              | CEJG                                    | 19500-1706-86                         | /521(ER)                     | Micropac Industries, Inc. (1, 2)              |
| + M19500/52102                         |              | CAQI                                    | 19500-649-83                          | /521(ER)                     | Hewlett-Packard (B1, B2)                      |
| + M19500/52102 and /52104              |              | CEJG                                    | 19500-1706-86                         | /521(ER)                     | Micropac Industries, Inc. (1, 2)              |
| SPA25, SPB25, SPC25, SPD25             |              | CDAS                                    | 19500-234-80<br>19500-464-80          | /446                         | Microsemi-Watertown (1)                       |
| SPA25, SPB25, SPC25, SPD25             | 3            | CQN                                     | 19500-344-89                          | /446                         | Sensitron Semiconductor                       |
| 2N43A and 2N44A                        |              | CDTO                                    | 19500-16-78                           | /6                           | Germanium Power Devices Corp.                 |

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| 2N158                                    |              | CDTO                                    | 19500-500-75                          | /24                          | Germanium Power Devices Corp.                 |
| 2N174A                                   |              | CDTO                                    | 19500-351-78                          | /13                          | Germanium Power Devices Corp.                 |
| 2N297A                                   |              | CDTO                                    | 19500-185-85                          | /36                          | Germanium Power Devices Corp.                 |
| 2N326                                    |              | CDTO                                    | 19500-504-79                          | /40                          | Germanium Power Devices Corp.                 |
| 2N328A, AS and 2N329A, AS <u>1/</u>      | 1            | CRP                                     | 19500-747-66                          | /110                         | Raytheon Co.                                  |
| 2N337 and 2N338                          |              | CDVL                                    | 19500-426-79                          | /69                          | Solid State Devices, Inc.                     |
| 2N341                                    |              | CDVL                                    | 19500-426-79                          | /31                          | Solid State Devices, Inc.                     |
| 2N342 and A<br>2N343                     |              | CDVL                                    | 19500-426-79                          | /16                          | Solid State Devices, Inc.                     |
| 2N358A                                   |              | CDTO                                    | 19500-213-80                          | /63                          | Germanium Power Devices Corp.                 |
| 2N388                                    |              | CDTO                                    | 19500-213-80                          | /65                          | Germanium Power Devices Corp.                 |
| 2N389                                    |              | CCSX                                    | 19500-10-61                           | /173                         | Silicon Transistor Corp.                      |
| 2N396A                                   |              | CDTO                                    | 19500-214-80                          | /64                          | Germanium Power Devices Corp.                 |
| 2N398A                                   |              | CDTO                                    | 19500-212-80                          | /174                         | Germanium Power Devices Corp.                 |
| 2N404 and A                              |              | CDTO                                    | 19500-212-80                          | /20                          | Germanium Power Devices Corp.                 |
| 2N424                                    |              | CCSX                                    | 19500-10-61                           | /173                         | Silicon Transistor Corp.                      |
| 2N425 thru 2N427                         |              | CDTO                                    | 19500-212-80                          | /41                          | Germanium Power Devices Corp.                 |
| 2N428                                    |              | CDTO                                    | 19500-212-80                          | /44                          | Germanium Power Devices Corp.                 |
| 2N456B thru 2N458B                       |              | CDTO                                    | 19500-383-75                          | /217                         | Germanium Power Devices Corp.                 |
| 2N463                                    |              | CDTO                                    | 19500-326-75                          | /70                          | Germanium Power Devices Corp.                 |
| 2N464 and 2N465                          |              | CDTO                                    | 19500-212-80                          | /49                          | Germanium Power Devices Corp.                 |
| 2N466                                    |              | CDTO                                    | 19500-212-80                          | /51                          | Germanium Power Devices Corp.                 |
| 2N467                                    |              | CDTO                                    | 19500-212-80                          | /49                          | Germanium Power Devices Corp.                 |
| * 2N489A thru 2N494A                     |              | CDTO                                    | 19500-290-85                          | /75                          | Germanium Power Devices Corp.                 |
| 2N497 and S and <u>1/</u><br>2N498 and S | 3            | CRP                                     | 19500-242-81                          | /74                          | Raytheon Co.                                  |
| 2N526                                    |              | CDTO                                    | 19500-16-78                           | /60                          | Germanium Power Devices Corp.                 |
| 2N539 and A                              |              | CDTO                                    | 19500-1-75                            | /38                          | Germanium Power Devices Corp.                 |
| 2N560                                    |              | CDVL                                    | 19500-492-81                          | /73                          | Solid State Devices, Inc.                     |
| 2N599                                    |              | CDTO                                    | 19500-212-80                          | /166                         | Germanium Power Devices Corp.                 |
| 2N650A thru 2N652A                       |              | CDTO                                    | 19500-212-80                          | /175                         | Germanium Power Devices Corp.                 |
| 2N656 and S and <u>1/</u><br>2N657 and S | 3            | CRP                                     | 19500-242-81                          | /74                          | Raytheon Co.                                  |
| 2N665                                    |              | CDTO                                    | 19500-327-75                          | /58                          | Germanium Power Devices Corp.                 |
| * 2N682 and 2N683                        |              | CERC                                    | 19500-819-92                          | /108                         | Powerex, Inc. (1)                             |
| * 2N685 thru 2N690                       |              | CERC                                    | 19500-819-92                          | /108                         | Powerex, Inc. (1)                             |
| 2N696 and S and <u>1/</u><br>2N697 and S | 3            | CRP                                     | 19500-242-81                          | /99                          | Raytheon Co.                                  |

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| 2N705                                                    |              | CDTO                                    | 19500-1229-83                         | /86                          | Germanium Power Devices Corp.                 |
| 2N706 <u>1/</u>                                          | 2            | CRP                                     | 19500-523-82                          | /120                         | Raytheon Co.                                  |
| + 2N708                                                  | 2            | CGG                                     | 19500-659-82                          | /312                         | Motorola, Inc. (1, 2)                         |
| ** 2N718A <u>1/</u>                                      | 3            | CRP                                     | 19500-523-82                          | /181                         | Raytheon Co.                                  |
| * 2N720A <u>1/</u>                                       | 3            | CRP                                     | 19500-523-82                          | /182                         | Raytheon Co.                                  |
| 2N744 <u>1/</u>                                          | 2            | CRP                                     | 19500-523-82                          | /273(Navy)                   | Raytheon Co.                                  |
| 2N757A <u>1/</u><br>2N759A <u>1/</u><br>2N760A <u>1/</u> | 3            | CRP                                     | 19500-523-82                          | /218                         | Raytheon Co.                                  |
| + 2N869A                                                 | 2            | CGG                                     | 19500-659-82                          | /283                         | Motorola, Inc. (1, 2)                         |
| * 2N910 and S thru <u>1/</u><br>2N912 and S              | 3            | CRP                                     | 19500-523-82                          | /274(ER)                     | Raytheon Co.                                  |
| 2N916 <u>1/</u>                                          | 2            | CRP                                     | 19500-523-82                          | /271(Navy)                   | Raytheon Co.                                  |
| ** 2N918                                                 | 1            | CGG                                     | 19500-488-82                          | /301                         | Motorola, Inc. (1)                            |
| * 2N918                                                  | 1            | CGG                                     | 19500-488-82                          | /301                         | Motorola, Inc. (2)                            |
| § 2N918 <u>1/</u>                                        | 1            | CGG                                     | 19500-488-82                          | /301                         | Motorola, Inc. (1)                            |
| ** 2N918 <u>1/</u>                                       | 1            | CRP                                     | 19500-370-86                          | /301                         | Raytheon Co.                                  |
| * 2N929 and 2N930 <u>1/</u>                              | 3            | CRP                                     | 19500-523-82                          | /253                         | Raytheon Co.                                  |
| * 2N930                                                  | 3            | CGG                                     | 19500-659-82                          | /253                         | Motorola, Inc. (1, 2)                         |
| 2N1011                                                   |              | CDTO                                    | 19500-185-85                          | /67(ER)                      | Germanium Power Devices Corp.                 |
| 2N1016B, C and D                                         |              | CCSX                                    | 19500-962-79                          | /102                         | Silicon Transistor Corp.                      |
| 2N1021A and 2N1022A                                      |              | CDTO                                    | 19500-383-75                          | /217                         | Germanium Power Devices Corp.                 |
| 2N1039                                                   |              | CDTO                                    | 19500-2-76                            | /89                          | Germanium Power Devices Corp.                 |
| 2N1041                                                   |              | CDTO                                    | 19500-2-76                            | /89                          | Germanium Power Devices Corp.                 |
| 2N1042 thru 2N1045                                       |              | CDTO                                    | 19500-344-77                          | /137                         | Germanium Power Devices Corp.                 |
| 2N1047A thru 2N1050A                                     |              | CCSX                                    | 19500-1211-71                         | /176                         | Silicon Transistor Corp.                      |
| 2N1047A thru 2N1050A <u>1/</u>                           |              | CDEZ                                    | 19500-581-75                          | /176                         | Solid Power Corp.                             |
| 2N1120                                                   |              | CDTO                                    | 19500-185-85                          | /68                          | Germanium Power Devices Corp.                 |
| 2N1131 and L and <u>1/</u><br>2N1132 and L               | 3            | CRP                                     | 19500-242-81                          | /177                         | Raytheon Co.                                  |
| 2N1165                                                   |              | CDTO                                    | 19500-72-76                           | /178(Navy)                   | Germanium Power Devices Corp.                 |
| 2N1183, A and B and<br>2N1184, A and B                   |              | CDTO                                    | 7762                                  | /143(ER)                     | Germanium Power Devices Corp.                 |
| 2N1302 thru 2N1309                                       |              | CDTO                                    | 19500-213-80<br>19500-214-80          | /126                         | Germanium Power Devices Corp.                 |
| 2N1358                                                   |              | CDTO                                    | 19500-348-78                          | /122                         | Germanium Power Devices Corp.                 |
| 2N1412 and A                                             |              | CDTO                                    | 19500-212-75                          | /75(Navy)                    | Germanium Power Devices Corp.                 |
| 2N1479 thru 2N1482                                       |              | CESE                                    | 19500-638-87                          | /207(ER)                     | New England Semiconductor                     |
| 2N1479 thru 2N1482                                       |              | CCSX                                    | 6337 thru 6340                        | /207(ER)                     | Silicon Transistor Corp.                      |

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| * 2N1483 thru 2N1486                 |              | CESE                                    | 19500-638-87                          | /180                         | New England Semiconductor                     |
| * 2N1483 thru 2N1486                 |              | CCSX                                    | 19500-80-68                           | /180                         | Silicon Transistor Corp.                      |
| * 2N1483 thru 2N1486 <u>1</u> /      |              | CDEZ                                    | 19500-107-68                          | /180                         | Solid Power Corp.                             |
| 2N1487 thru 2N1490                   |              | CDHS                                    | 19500-094-93                          | /208                         | API Electronics, Inc.                         |
| 2N1487 thru 2N1490                   |              | CCSX                                    | 19500-1169-67                         | /208                         | Silicon Transistor Corp.                      |
| 2N1553A thru 2N1556A                 |              | CDTO                                    | 7772                                  | /331(ER)                     | Germanium Power Devices Corp.                 |
| 2N1557A thru 2N1560A                 |              | CDTO                                    | 19500-72-76                           | /330(ER)                     | Germanium Power Devices Corp.                 |
| ** 2N1613 and L <u>1</u> /           | 3            | CRP                                     | 19500-242-81                          | /181                         | Raytheon Co.                                  |
| 2N1651 thru 2N1653                   |              | CDTO                                    | 7777                                  | /219(ER)                     | Germanium Power Devices Corp.                 |
| * 2N1711 and S <u>1</u> /            | 3            | CRP                                     | 19500-242-81                          | /225                         | Raytheon Co.                                  |
| ** 2N1714 and S thru<br>2N1717 and S |              | CESE                                    | 19500-504-89                          | /263(ER)                     | New England Semiconductor                     |
| 2N1714 thru 2N1717                   |              | CCSX                                    | 19500-179-83                          | /263(ER)                     | Silicon Transistor Corp.                      |
| * 2N1722                             |              | CESE                                    | 19500-753-87                          | /262                         | New England Semiconductor                     |
| * 2N1722                             |              | CCSX                                    | 19500-510-81                          | /262                         | Silicon Transistor Corp.                      |
| * 2N1722 <u>1</u> /                  |              | CDEZ                                    | 19500-375-77                          | /262                         | Solid Power Corp.                             |
| * 2N1724                             |              | CESE                                    | 19500-753-87                          | /262                         | New England Semiconductor                     |
| * 2N1724                             |              | CCSX                                    | 19500-511-81                          | /262                         | Silicon Transistor Corp.                      |
| * 2N1724 <u>1</u> /                  |              | CDEZ                                    | 19500-375-77                          | /262                         | Solid Power Corp.                             |
| * 2N1771A and 2N1772A                |              | CERC                                    | 19500-131-90                          | /168                         | Powerex, Inc. (1)                             |
| * 2N1774A                            |              | CERC                                    | 19500-131-90                          | /168                         | Powerex, Inc. (1)                             |
| * 2N1776A and 2N1777A                |              | CERC                                    | 19500-131-90                          | /168                         | Powerex, Inc. (1)                             |
| 2N1870A thru 2N1872A                 |              | CDAS                                    | 19500-302-84                          | /198(Navy)                   | Microsemi-Watertown (1)                       |
| 2N1874A                              |              | CDAS                                    | 19500-302-84                          | /198(Navy)                   | Microsemi-Watertown (1, 3)                    |
| * 2N1890 and S <u>1</u> /            | 3            | CRP                                     | 19500-242-81                          | /225                         | Raytheon Co.                                  |
| * 2N1893 and S <u>1</u> /            | 3            | CRP                                     | 19500-242-81                          | /182                         | Raytheon Co.                                  |
| 2N2015 and 2N2016                    |              | CCSX                                    | 19500-963-79                          | /248(ER)                     | Silicon Transistor Corp.                      |
| + 2N2060                             | 3            | CGG                                     | 19500-327-81                          | /270                         | Motorola, Inc. (1, 2)                         |
| § 2N2060                             | 3            | CGG                                     | 19500-1097-86                         | /270                         | Motorola, Inc. (1)                            |
| ** 2N2060 and L <u>1</u> /           | 3            | CRP                                     | 19500-242-81                          | /270                         | Raytheon Co.                                  |
| 2N2079A                              |              | CDTO                                    | 19500-27-77                           | /340                         | Germanium Power Devices Corp.                 |
| * 2N2150 and 2N2151                  | 3            | CDMA                                    | 19500-90-88                           | /277                         | PPC Products Corp.                            |
| ** 2N2219A                           | 3            | CGG                                     | 19500-555-82                          | /251                         | Motorola, Inc. (1)                            |
| * 2N2219A                            | 3            | CGG                                     | 19500-555-82                          | /251                         | Motorola, Inc. (2)                            |
| § 2N2219A and AL                     | 3            | CGG                                     | 19500-775-80                          | /251                         | Motorola, Inc. (1)                            |
| ** 2N2219, A and AL <u>1</u> /       | 3            | CRP                                     | 19500-242-81                          | /251                         | Raytheon Co.                                  |

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| ** 2N2221AUA and AUB and<br>2N2222AUA and AUB |              | CDTF                                    | 19500-850-92                          | /255                         | Optek Technology, Inc.                        |
| * 2N2221 and A <u>1</u> /                     | 3            | CRP                                     | 19500-523-82                          | /255                         | Raytheon Co.                                  |
| ** 2N2222 and A                               | 3            | CGG                                     | 19500-398-93                          | /255                         | Motorola, Inc. (1)                            |
| * 2N2222 and A                                | 3            | CGG                                     | 19500-398-93                          | /255                         | Motorola, Inc. (2)                            |
| § 2N2222A                                     | 3            | CGG                                     | 19500-590-90                          | /255                         | Motorola, Inc. (1)                            |
| ** 2N2222 and A <u>1</u> /                    | 3            | CRP                                     | 19500-523-82                          | /255                         | Raytheon Co.                                  |
| ** 2N2222A                                    | 3            | CEJJ                                    | 19500-683-92                          | /255                         | Semicoa Semiconductors (1)                    |
| § 2N2222A                                     | 3            | CEJJ                                    | 19500-683-92                          | /255                         | Semicoa Semiconductors (1)                    |
| 2N2273                                        |              | CDTO                                    | 19500-1229-83                         | /244                         | Germanium Power Devices Corp.                 |
| ** 2N2323, A, S, AS and<br>2N2324, A, S, AS   |              | CDAS                                    | 19500-915-80                          | /276                         | Microsemi-Watertown (1)                       |
| * 2N2323, A, S, AS and<br>2N2324, A, S, AS    |              | CDAS                                    | 19500-915-80                          | /276                         | Microsemi-Watertown (3)                       |
| ** 2N2326, A, S and AS                        |              | CDAS                                    | 19500-915-80                          | /276                         | Microsemi-Watertown (1)                       |
| * 2N2326, A, S and AS                         |              | CDAS                                    | 19500-915-80                          | /276                         | Microsemi-Watertown (3)                       |
| ** 2N2328, A, S, AS and<br>2N2329, S          |              | CDAS                                    | 19500-915-80                          | /276                         | Microsemi-Watertown (1)                       |
| * 2N2328, A, S, AS and<br>2N2329, S           |              | CDAS                                    | 19500-915-80                          | /276                         | Microsemi-Watertown (3)                       |
| ** 2N2369A                                    | 3            | CGG                                     | 19500-659-82                          | /317                         | Motorola, Inc. (1)                            |
| * 2N2369A                                     | 3            | CGG                                     | 19500-659-82                          | /317                         | Motorola, Inc. (2)                            |
| § 2N2369A                                     | 3            | CGG                                     | 19500-337-81                          | /317                         | Motorola, Inc. (1)                            |
| ** 2N2369A <u>1</u> /                         | 2            | CRP                                     | 19500-523-82                          | /317                         | Raytheon Co.                                  |
| ** 2N2432, A                                  |              | CESE                                    | 19500-547-92                          | /313                         | New England Semiconductor                     |
| * 2N2481 <u>1</u> /                           | 2            | CRP                                     | 19500-523-82                          | /268                         | Raytheon Co.                                  |
| ** 2N2484                                     | 3            | CGG                                     | 19500-659-82                          | /376                         | Motorola, Inc. (1)                            |
| * 2N2484                                      | 3            | CGG                                     | 19500-659-82                          | /376                         | Motorola, Inc. (2)                            |
| § 2N2484                                      | 3            | CGG                                     | 19500-312-88                          | /376                         | Motorola, Inc. (1)                            |
| ** 2N2484 <u>1</u> /                          | 3            | CRP                                     | 19500-523-82                          | /376                         | Raytheon Co.                                  |
| 2N2553                                        |              | CDTO                                    | 19500-2-76                            | /89                          | Germanium Power Devices Corp.                 |
| 2N2555                                        |              | CDTO                                    | 19500-2-76                            | /89                          | Germanium Power Devices Corp.                 |
| 2N2557                                        |              | CDTO                                    | 19500-2-76                            | /89                          | Germanium Power Devices Corp.                 |
| 2N2559                                        |              | CDTO                                    | 19500-2-76                            | /89                          | Germanium Power Devices Corp.                 |
| ** 2N2604 and 2N2605 <u>1</u> /               | 3            | CRP                                     | 19500-534-79                          | /354                         | Raytheon Co.                                  |
| + 2N2605                                      | 3            | CGG                                     | 19500-918-80                          | /354                         | Motorola, Inc. (1, 2)                         |
| § 2N2605                                      | 3            | CGG                                     | 19500-1759-86                         | /354                         | Motorola, Inc. (1)                            |
| 2N2609                                        | 1            | CGG                                     | 19500-791-79                          | /296                         | Motorola, Inc. (1, 2)                         |
| 2N2609                                        |              | CDGD                                    | 19500-498-77                          | /296                         | Solitron Devices, Inc.                        |

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| 2N2708 <u>1</u> /                   | 1            | CRP                                     | 19500-370-86                          | /302                         | Raytheon Co.                                  |
| ** 2N2812                           |              | CDHS                                    | 19500-65-70                           | /415(USAF)                   | A.P.I. Electronics, Inc.                      |
| ** 2N2812                           |              | CCSX                                    | 19500-823-90                          | /415(USAF)                   | Silicon Transistor Corp.                      |
| ** 2N2814                           |              | CDHS                                    | 19500-65-70                           | /415(USAF)                   | A.P.I. Electronics, Inc.                      |
| ** 2N2814                           |              | CCSX                                    | 19500-823-90                          | /415(USAF)                   | Silicon Transistor Corp.                      |
| ** 2N2857                           |              | CBYI                                    | 19500-427-81                          | /343                         | M/A-COM, Inc.                                 |
| ** 2N2857 <u>1</u> /                | 1            | CGG                                     | 19500-1059-81                         | /343                         | Motorola, Inc. (1)                            |
| * 2N2857 <u>1</u> /                 | 1            | CGG                                     | 19500-1059-81                         | /343                         | Motorola, Inc. (2)                            |
| § 2N2857 <u>1</u> /                 | 1            | CGG                                     | 19500-203-92                          | /343                         | Motorola, Inc. (1)                            |
| ** 2N2857                           |              | CEJJ                                    | 19500-249-91                          | /343                         | Semicoa Semiconductors (1)                    |
| * 2N2857                            |              | CEJJ                                    | 19500-249-91                          | /343                         | Semicoa Semiconductors (2)                    |
| § 2N2857                            |              | CEJJ                                    | 19500-249-91                          | /343                         | Semicoa Semiconductors (1)                    |
| ** 2N2880                           |              | CDHS                                    | 19500-1157-69                         | /315                         | A.P.I. Electronics, Inc.                      |
| ** 2N2880                           | 3            | CDMA                                    | 19500-90-88                           | /315                         | PPC Products Corp.                            |
| § 2N2880                            | 3            | CDMA                                    | 19500-67-91                           | /315                         | PPC Products Corp.                            |
| ** 2N2880                           |              | CCSX                                    | 19500-277-87                          | /315                         | Silicon Transistor Corp.                      |
| ** 2N2880                           |              | CDCD                                    | 19500-1158-67                         | /315                         | Solitron Devices, Inc.                        |
| + 2N2904                            | 3            | CGG                                     | 19500-659-82                          | /290                         | Motorola, Inc. (1, 2)                         |
| ** 2N2905A                          | 3            | CGG                                     | 19500-659-82                          | /290                         | Motorola, Inc. (1)                            |
| * 2N2905A                           | 3            | CGG                                     | 19500-659-82                          | /290                         | Motorola, Inc. (2)                            |
| § 2N2905A and AL                    | 3            | CGG                                     | 19500-777-80                          | /290                         | Motorola, Inc. (1)                            |
| ** 2N2905, A, AL <u>1</u> /         | 3            | CRP                                     | 19500-242-81                          | /290                         | Raytheon Co.                                  |
| + 2N2906A                           | 3            | CGG                                     | 19500-791-92                          | /291                         | Motorola, Inc. (1, 2)                         |
| ** 2N2907A                          | 3            | CGG                                     | 19500-791-92                          | /291                         | Motorola, Inc. (1)                            |
| * 2N2907 and A                      | 3            | CGG                                     | 19500-791-92                          | /291                         | Motorola, Inc. (1, 2)                         |
| § 2N2907A                           | 3            | CGG                                     | 19500-659-82                          | /291                         | Motorola, Inc. (1)                            |
| ** 2N2907AUA and<br>2N2907AUB       | 3            | CDTF                                    | 19500-158-92                          | /291                         | Optek Technology, Inc. (2)                    |
| ** 2N2907 and A <u>1</u> /          | 3            | CRP                                     | 19500-523-82                          | /291                         | Raytheon Co.                                  |
| ++ 2N2907A                          |              | CEJJ                                    | 19500-682-92                          | /291                         | Semicoa Semiconductors (1)                    |
| § 2N2907A                           |              | CEJJ                                    | 19500-682-92                          | /291                         | Semicoa Semiconductors (1)                    |
| ** 2N2919 and L and<br>2N2920 and L | <u>1</u> / 3 | CRP                                     | 19500-945-82                          | /355                         | Raytheon Co.                                  |
| ** 2N2920                           | 3            | CGG                                     | 19500-327-81                          | /355                         | Motorola, Inc. (1)                            |
| * 2N2920                            | 3            | CGG                                     | 19500-327-81                          | /355                         | Motorola, Inc. (2)                            |
| § 2N2920                            | 3            | CGG                                     | 19500-487-82                          | /355                         | Motorola, Inc. (1)                            |

| GOVERNMENT TYPE<br>DESIGNATION       | ESD<br>CLASS | MANUFACTURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | DETAIL<br>SPECIFI-<br>CATION | MANUFACTURER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| ** 2N2944A thru 2N2946A              |              | CESE                                    | 19500-548-92                          | /382(USAF)                   | New England Semiconductor                     |
| ** 2N2945A and 2N2946A <u>1/</u>     | 1            | CRP                                     | 19500-1084-73                         | /382(USAF)                   | Raytheon Co.                                  |
| + 2N3013                             | 3            | CGG                                     | 19500-027-93                          | /287                         | Motorola, Inc. (1, 2)                         |
| ** 2N3019S                           | 3            | CGG                                     | 19500-1068-79<br>19500-659-82         | /391                         | Motorola, Inc. (1)                            |
| * 2N3019S                            | 3            | CGG                                     | 19500-1068-79<br>19500-659-82         | /391                         | Motorola, Inc. (2)                            |
| § 2N3019 and S                       | 3            | CGG                                     | 19500-150-84                          | /391                         | Motorola, Inc. (1)                            |
| ** 2N3019 and S <u>1/</u>            | 3            | CRP                                     | 19500-242-81                          | /391                         | Raytheon Co.                                  |
| * 2N3027 thru 2N3032                 |              | CDAS                                    | 7571 thru 7576                        | /419(ER)                     | Microsemi-Watertown (1, 2)                    |
| * 2N3055                             |              | CDHS                                    | 19500-094-93                          | /407                         | A.P.I. Electronics, Inc.                      |
| ** 2N3057A <u>1/</u>                 | 3            | CRP                                     | 19500-578-76                          | /391                         | Raytheon Co.                                  |
| + 2N3227 <u>1/</u>                   | 3            | CGG                                     | 19500-659-82                          | /317                         | Motorola, Inc. (1, 2)                         |
| ** 2N3250A and 2N3251A <u>1/</u>     | 3            | CRP                                     | 19500-523-82                          | /323                         | Raytheon Co.                                  |
| * 2N3251A                            | 3            | CGG                                     | 19500-792-92                          | /323                         | Motorola, Inc. (1, 2)                         |
| ** 2N3418 thru 2N3421                |              | CDHS                                    | 19500-561-74<br>thru<br>19500-564-74  | /393                         | A.P.I. Electronics, Inc.                      |
| ** 2N3418 and S thru<br>2N3421 and S |              | CESE                                    | 19500-504-89                          | /393                         | New England Semiconductor                     |
| ** 2N3418 and S thru<br>2N3421 and S | 3            | CDMA                                    | 19500-896-87                          | /393                         | PPC Products Corp.                            |
| § 2N3418 and S thru<br>2N3421 and S  | 3            | CDMA                                    | 19500-46-90                           | /393                         | PPC Products Corp.                            |
| ** 2N3418 and S thru<br>2N3421 and S |              | CCSX                                    | 19500-513-81                          | /393                         | Silicon Transistor Corp.                      |
| ** 2N3418 and S thru<br>2N3421 and S |              | CDGD                                    | 19500-60-76                           | /393                         | Solitron Devices, Inc.                        |
| ** 2N3439                            | 3            | CGG                                     | 19500-659-82                          | /368                         | Motorola, Inc. (1)                            |
| * 2N3439                             | 3            | CGG                                     | 19500-659-82                          | /368                         | Motorola, Inc. (2)                            |
| ** 2N3439 and L and<br>2N3440 and L  |              | CESE                                    | 19500-425-90                          | /368                         | New England Semiconductor                     |
| ++ 2N3439 and L and<br>2N3440 and L  |              | CDMA                                    | 19500-487-92                          | /368                         | PPC Products Corp.                            |
| § 2N3439 and L and<br>2N3440 and L   |              | CDMA                                    | 19500-487-92                          | /368                         | PPC Products Corp.                            |
| ** 2N3439 and L and<br>2N3440 and L  |              | CCSX                                    | 19500-335-82<br>19500-334-82          | /368                         | Silicon Transistor Corp.                      |
| ** 2N3439 and L and<br>2N3440 and L  |              | CDGD                                    | 19500-229-76                          | /368                         | Solitron Devices, Inc.                        |
| ++ 2N3440                            | 3            | CGG                                     | 19500-659-82                          | /368                         | Motorola, Inc. (1)                            |
| + 2N3440                             | 3            | CGG                                     | 19500-659-82                          | /368                         | Motorola, Inc. (2)                            |
| + 2N3441                             |              | CDHS                                    | 19500-124-93                          | /369                         | A.P.I. Electronics, Inc.                      |

| GOVERNMENT TYPE<br>DESIGNATION                                                                            | ESD<br>CLASS | MANUFACTURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE | DETAIL<br>SPECIFI-<br>CATION | MANUFACTURER'S NAME<br>(ADDRESS ON LAST PAGE) |
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| ** 2N3442                                                                                                 |              | CDHS                                    | 19500-873-84                          | /370(Navy)                   | A.P.I. Electronics, Inc.                      |
| ** 2N3442                                                                                                 | 3            | CGG                                     | 19500-306-89                          | /370(Navy)                   | Motorola, Inc. (1)                            |
| * 2N3442                                                                                                  | 3            | CGG                                     | 19500-306-89                          | /370(Navy)                   | Motorola, Inc. (3)                            |
| ++ 2N3467                                                                                                 | 3            | CGG                                     | 19500-514-90                          | /348                         | Motorola, Inc. (1)                            |
| + 2N3467                                                                                                  | 3            | CGG                                     | 19500-514-90                          | /348                         | Motorola, Inc. (2)                            |
| ** 2N3467 and L and <u>1</u> /<br>2N3468 and L                                                            | 3            | CRP                                     | 19500-242-81                          | /348                         | Raytheon Co.                                  |
| + 2N3485A and 2N3486A <u>1</u> /<br>2N3486A                                                               | 3            | CRP                                     | 19500-503-70                          | /392                         | Raytheon Co.                                  |
| + 2N3486A                                                                                                 | 3            | CGG                                     | 19500-359-80                          | /392                         | Motorola, Inc. (1, 2)                         |
| ** 2N3498 and 2N3499 <u>1</u> /<br>2N3501                                                                 | 3            | CRP                                     | 19500-242-81                          | /366                         | Raytheon Co.                                  |
| ** 2N3501                                                                                                 | 3            | CGG                                     | 19500-659-82                          | /366                         | Motorola, Inc. (1)                            |
| * 2N3501                                                                                                  | 3            | CGG                                     | 19500-659-82                          | /366                         | Motorola, Inc. (2)                            |
| § 2N3501 and L                                                                                            | 3            | CGG                                     | 19500-505-90                          | /366                         | Motorola, Inc. (1)                            |
| ** 2N3501 and L <u>1</u> /<br>2N3506 and 2N3507                                                           | 3            | CRP                                     | 19500-242-81                          | /366                         | Raytheon Co.                                  |
| ** 2N3506 and 2N3507                                                                                      | 3            | CGG                                     | 19500-639-80                          | /349                         | Motorola, Inc. (1)                            |
| * 2N3506 and 2N3507                                                                                       | 3            | CGG                                     | 19500-639-80                          | /349                         | Motorola, Inc. (2)                            |
| ** 2N3506 and L and<br>2N3507 and L                                                                       |              | CCSX                                    | 19500-46-91                           | /349                         | Silicon Transistor Corp.                      |
| ** 2N3584 and 2N3585                                                                                      | 3            | CDHS                                    | 19500-875-75                          | /384                         | A.P.I. Electronics, Inc.                      |
| * 2N3584 and 2N3585                                                                                       | 3            | CRC                                     | 19500-1034-82                         | /384                         | Harris Semiconductor (1, 2)                   |
| ** 2N3584 and 2N3585                                                                                      |              | CCSX                                    | 19500-796-82                          | /384                         | Silicon Transistor Corp.                      |
| ++ 2N3634 thru 2N3636                                                                                     | 3            | CGG                                     | 19500-659-82                          | /357                         | Motorola, Inc. (1)                            |
| + 2N3634 thru 2N3636                                                                                      | 3            | CGG                                     | 19500-659-82                          | /357                         | Motorola, Inc. (2)                            |
| ** 2N3634 and L <u>1</u> /<br>2N3637 and L                                                                | 3            | CRP                                     | 19500-242-81                          | /357                         | Raytheon Co.                                  |
| § 2N3637 and L                                                                                            | 3            | CGG                                     | 19500-671-87                          | /357                         | Motorola, Inc. (1)                            |
| ** 2N3637                                                                                                 | 3            | CGG                                     | 19500-659-82                          | /357                         | Motorola, Inc. (1)                            |
| * 2N3637                                                                                                  | 3            | CGG                                     | 19500-659-82                          | /357                         | Motorola, Inc. (2)                            |
| ** 2N3637 and L <u>1</u> /<br>2N3700                                                                      | 3            | CRP                                     | 19500-242-81                          | /357                         | Raytheon Co.                                  |
| ** 2N3700                                                                                                 | 3            | CGG                                     | 19500-659-82                          | /391                         | Motorola, Inc. (1)                            |
| * 2N3700                                                                                                  | 3            | CGG                                     | 19500-659-82                          | /391                         | Motorola, Inc. (2)                            |
| § 2N3700                                                                                                  | 3            | CGG                                     | 19500-44-86                           | /391                         | Motorola, Inc. (1)                            |
| ** 2N3700 <u>1</u> /<br>2N3715 and 2N3716 <u>1</u> /<br>2N3715 and 2N3716 <u>1</u> /<br>2N3715 and 2N3716 | 3            | CRP                                     | 19500-523-82                          | /391                         | Raytheon Co.                                  |
| ++ 2N3715 and 2N3716 <u>1</u> /<br>2N3715 and 2N3716 <u>1</u> /<br>2N3715 and 2N3716                      | 3            | CGG                                     | 19500-508-80                          | /408                         | Motorola, Inc. (1)                            |
| + 2N3715 and 2N3716 <u>1</u> /<br>2N3715 and 2N3716                                                       | 3            | CGG                                     | 19500-508-80                          | /408                         | Motorola, Inc. (3)                            |
| ++ 2N3715 and 2N3716                                                                                      |              | CESE                                    | 19500-544-91                          | /408                         | New England Semiconductor                     |
| ** 2N3715 and 2N3716 <u>1</u> /<br>2N3715 and 2N3716                                                      |              | CDEZ                                    | 19500-1198-83                         | /408                         | Solid Power Corp.                             |
| ++ 2N3715 and 2N3716                                                                                      |              | CCSX                                    | 19500-315-83                          | /408                         | Silicon Transistor Corp.                      |

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| + 2N3735                                       | 3            | CGG                                     | 19500-659-82                          | /395                         | Motorola, Inc. (1, 2)                         |
| \$ 2N3735                                      | 3            | CGG                                     | 19500-587-87                          | /395                         | Motorola, Inc. (1)                            |
| ** 2N3735 and L <u>1</u> /                     | 3            | CRP                                     | 19500-356-83                          | /395                         | Raytheon Co.                                  |
| • 2N3737                                       | 3            | CGG                                     | 19500-359-80                          | /395                         | Motorola, Inc. (1, 2)                         |
| ** 2N3737 <u>1</u> /                           | 3            | CRP                                     | 19500-356-83                          | /395                         | Raytheon Co.                                  |
| + 2N3739 <u>1</u> /                            | 3            | CGG                                     | 19500-595-80                          | /402                         | Motorola, Inc. (1, 3)                         |
| ** 2N3739                                      |              | CESE                                    | 19500-476-90                          | /402                         | New England Semiconductor                     |
| ** 2N3739                                      |              | CCSX                                    | 19500-95-78                           | /402                         | Silicon Transistor Corp.                      |
| ** 2N3740 and 2N3741                           | 3            | CGG                                     | 19500-1021-86                         | /441                         | Motorola, Inc. (1)                            |
| * 2N3740 and 2N3741                            | 3            | CGG                                     | 19500-1021-86                         | /441                         | Motorola, Inc. (3)                            |
| ** 2N3740 and 2N3741                           |              | CESE                                    | 19500-635-87                          | /441                         | New England Semiconductor                     |
| ** 2N3740 and 2N3741                           | 3            | CDMA                                    | 19500-1667-86                         | /441                         | PPC Products Corp.                            |
| \$ 2N3740 and 2N3741                           | 3            | CDMA                                    | 19500-387-90                          | /441                         | PPC Products Corp.                            |
| ** 2N3740 and 2N3741                           |              | CCSX                                    | 19500-515-91                          | /441                         | Silicon Transistor Corp.                      |
| ** 2N3740 and 2N3741                           |              | CDCD                                    | 19500-291-80                          | /441                         | Solitron Devices, Inc.                        |
| ++ 2N3743                                      | 3            | CGG                                     | 19500-659-82                          | /397(ER)                     | Motorola, Inc. (1)                            |
| + 2N3743                                       | 3            | CGG                                     | 19500-659-82                          | /397(ER)                     | Motorola, Inc. (2)                            |
| ** 2N3749                                      |              | CDHS                                    | 19500-1157-69                         | /315                         | A.P.I. Electronics, Inc.                      |
| ** 2N3749                                      | 3            | CDMA                                    | 19500-92-88                           | /315                         | PPC Products Corp.                            |
| \$ 2N3749                                      | 3            | CDMA                                    | 19500-371-90                          | /315                         | PPC Products Corp.                            |
| ** 2N3749                                      |              | CCSX                                    | 19500-277-87                          | /315                         | Silicon Transistor Corp.                      |
| ** 2N3749                                      |              | CDCD                                    | 19500-1158-67                         | /315                         | Solitron Devices, Inc.                        |
| ** 2N3762 and L and <u>1</u> /<br>2N3763 and L | 3            | CRP                                     | 19500-242-81                          | /396                         | Raytheon Co.                                  |
| ++ 2N3764                                      | 3            | CGG                                     | 19500-873-80                          | /396                         | Motorola, Inc. (1)                            |
| + 2N3764                                       | 3            | CGG                                     | 19500-873-80                          | /396                         | Motorola, Inc. (2)                            |
| \$ 2N3764                                      | 3            | CGG                                     | 19500-578-87                          | /396                         | Motorola, Inc. (1)                            |
| ** 2N3766 and 2N3767                           |              | CESE                                    | 19500-636-87                          | /518(USAF)                   | New England Semiconductor                     |
| ** 2N3766 and 2N3767                           |              | CCSX                                    | 19500-326-82                          | /518(USAF)                   | Silicon Transistor Corp.                      |
| ** 2N3771 and 2N3772                           |              | CDHS                                    | 19500-565-74                          | /413(USAF)                   | A.P.I. Electronics, Inc.                      |
| ** 2N3791 and 2N3792                           |              | CESE                                    | 19500-428-80                          | /379                         | New England Semiconductor                     |
| ** 2N3792 <u>1</u> /                           | 3            | CGG                                     | 19500-933-80                          | /379                         | Motorola, Inc. (1)                            |
| * 2N3792 <u>1</u> /                            | 3            | CGG                                     | 19500-933-80                          | /379                         | Motorola, Inc. (3)                            |
| + 2N3810                                       | 3            | CGG                                     | 19500-746-81                          | /336                         | Motorola, Inc. (1, 2)                         |
| \$ 2N3810 and 2N3811 <u>1</u> /                | 3            | CGG                                     | 19500-486-82                          | /336                         | Motorola, Inc. (1)                            |
| ++ 2N3810 and L and <u>1</u> /<br>2N3811 and L | 3            | CRP                                     | 19500-81-84                           | /336                         | Raytheon Co.                                  |

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| ++ 2N3811                           | 3            | CGG                                     | 19500-746-81                          | /336                         | Motorola, Inc. (1)                            |
| + 2N3811                            | 3            | CGG                                     | 19500-746-81                          | /336                         | Motorola, Inc. (2)                            |
| + 2N3821                            | 2            | CGG                                     | 19500-1027-78                         | /375                         | Motorola, Inc. (1, 2)                         |
| § 2N3821                            | 2            | CGG                                     | 19500-154-91                          | /375                         | Motorola, Inc. (1)                            |
| § 2N3822                            |              |                                         | 19500-153-91                          |                              |                                               |
| ** 2N3821 thru 2N3823               |              | CDGD                                    | 19500-293-75                          | /375                         | Solitron Devices, Inc.                        |
| ++ 2N3838 <u>1</u> /                | 3            | CRP                                     | 19500-132-81                          | /421(USAF)                   | Raytheon Co.                                  |
| * 2N3846 and 2N3847                 |              | CCSX                                    | 19500-144-80                          | /412(USAF)                   | Silicon Transistor Corp.                      |
| * 2N3846 and 2N3847                 |              | CDGD                                    | 19500-459-78                          | /412(USAF)                   | Solitron Devices, Inc.                        |
| ** 2N3866 and A <u>1</u> /          | 3            | CRP                                     | 19500-516-80                          | /398                         | Raytheon Co.                                  |
| ** 2N3866A                          |              | CEJJ                                    | 19500-001-92                          | /398                         | Semicoa Semiconductors (1)                    |
| * 2N3866A                           |              | CEJJ                                    | 19500-001-92                          | /398                         | Semicoa Semiconductors (2)                    |
| § 2N3866A                           |              | CEJJ                                    | 19500-800-91                          | /398                         | Semicoa Semiconductors (1)                    |
| ** 2N3867 and S and<br>2N3868 and S |              | CDHS                                    | 19500-737-91                          | /350                         | A.P.I. Electronics, Inc.                      |
| + 2N3867S <u>1</u> /                | 3            | CGG                                     | 19500-981-82                          | /350                         | Motorola, Inc. (1, 3)                         |
| ** 2N3867 and S and<br>2N3868 and S |              | CESE                                    | 19500-635-87                          | /350                         | New England Semiconductor                     |
| ** 2N3867 and S and<br>2N3868 and S | 3            | CDMA                                    | 19500-10-88                           | /350                         | PPC Products Corp.                            |
| § 2N3867 and S and<br>2N3868 and S  | 3            | CDMA                                    | 19500-45-90                           | /350                         | PPC Products Corp.                            |
| ** 2N3867 and S and<br>2N3868 and S |              | CCSX                                    | 19500-677-90                          | /350                         | Silicon Transistor Corp.                      |
| ** 2N3868S <u>1</u> /               | 3            | CGG                                     | 19500-981-82                          | /350                         | Motorola, Inc. (1)                            |
| * 2N3868S <u>1</u> /                | 3            | CGG                                     | 19500-981-82                          | /350                         | Motorola, Inc. (3)                            |
| + 2N3879                            | 3            | CRC                                     | 19500-90-78                           | /526(USAF)                   | Harris Semiconductor (1, 2)                   |
| ++ 2N3879                           |              | CESE                                    | 19500-681-90                          | /526(USAF)                   | New England Semiconductor                     |
| ++ 2N3879                           | 3            | CDMA                                    | 19500-572-85                          | /526(USAF)                   | PPC Products Corp.                            |
| ++ 2N3879                           |              | CCSX                                    | 19500-796-82                          | /526(USAF)                   | Silicon Transistor Corp.                      |
| * 2N3902                            | 3            | CDMA                                    | 19500-089-92                          | /371                         | PPC Products Corp.                            |
| * 2N3902                            |              | CCSX                                    | 19500-315-83                          | /371                         | Silicon Transistor Corp.                      |
| * 2N3902 <u>1</u> /                 |              | CDEZ                                    | 19500-778-84                          | /371                         | Solid Power Corp.                             |
| * 2N3902                            |              | CDGD                                    | 19500-291-80                          | /371                         | Solitron Devices, Inc.                        |
| ++ 2N3960                           |              | CEJJ                                    | 19500-168-92                          | /399                         | Semicoa Semiconductors (1)                    |
| + 2N3960                            |              | CEJJ                                    | 19500-168-92                          | /399                         | Semicoa Semiconductors (2)                    |
| ** 2N3996 thru 2N3999               |              | CDHS                                    | 19500-1158-69                         | /374(USAF)                   | A.P.I. Electronics, Inc.                      |
| ** 2N3996 and 2N3997                | 3            | CDMA                                    | 19500-92-88                           | /374(USAF)                   | PPC Products Corp.                            |
| § 2N3996 and 2N3997                 | 3            | CDMA                                    | 19500-371-90                          | /374(USAF)                   | PPC Products Corp.                            |

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| ** 2N3996 thru 2N3999           |              | CCSX                  | 19500-277-89               | /374(USAF)                    | Silicon Transistor Corp.                                |
| ** 2N3996 and 2N3997            |              | CDCD                  | 19500-835-76               | /374(USAF)                    | Solitron Devices, Inc.                                  |
| ** 2N3998 and 2N3999            | 3            | CDMA                  | 19500-90-88                | /374(USAF)                    | PPC Products Corp.                                      |
| § 2N3998 and 2N3999             | 3            | CDMA                  | 19500-90-88                | /374(USAF)                    | PPC Products Corp.                                      |
| ** 2N3998 and 2N3999            |              | CEJJ                  | 19500-1025-87              | /374(USAF)                    | Semicoa Semiconductors (1)                              |
| ** 2N3998 and 2N3999            |              | CDCD                  | 19500-836-76               | /374(USAF)                    | Solitron Devices, Inc.                                  |
| ** 2N4029 <u>1/</u>             | 3            | CRP                   | 19500-523-82               | /512 (17)                     | Raytheon Co.                                            |
| ** 2N4033                       | 3            | CGG                   | 19500-487-90               | /512 (17)                     | Motorola, Inc. (1)                                      |
| * 2N4033                        | 3            | CGG                   | 19500-487-90               | /512 (17)                     | Motorola, Inc. (2)                                      |
| ** 2N4033 <u>1/</u>             | 3            | CRP                   | 19500-242-81               | /512 (17)                     | Raytheon Co.                                            |
| ** 2N4091 thru 2N4093 <u>1/</u> |              | CDBN                  | 19500-837-90               | /431(USAF)                    | Siliconix, Inc. (1)                                     |
| * 2N4091 thru 2N4093 <u>1/</u>  |              | CDBN                  | 19500-837-90               | /431(USAF)                    | Siliconix, Inc. (3)                                     |
| ** 2N4150                       |              | CDHS                  | 19500-868-74               | /394(USAF)                    | A.P.I. Electronics, Inc.                                |
| ** 2N4150 and S                 |              | CESE                  | 19500-136-88               | /394(USAF)                    | New England Semiconductor                               |
| ** 2N4150 and S                 | 3            | CDMA                  | 19500-896-87               | /394(USAF)                    | PPC Products Corp.                                      |
| § 2N4150 and S                  | 3            | CDMA                  | 19500-632-90               | /394(USAF)                    | PPC Products Corp.                                      |
| ** 2N4150                       |              | CEJJ                  | 19500-494-90               | /394(USAF)                    | Semicoa Semiconductors (1)                              |
| ** 2N4150 and S                 |              | CCSX                  | 19500-384-88               | /394(USAF)                    | Silicon Transistor Corp.                                |
| ** 2N4150                       |              | CDCD                  | 19500-60-76                | /394(USAF)                    | Solitron Devices, Inc.                                  |
| + 2N4261                        | 1            | CGG                   | 19500-77-80                | /511(USAF)                    | Motorola, Inc. (1, 2)                                   |
| ** 2N4261 <u>1/</u>             | 1            | CRP                   | 19500-270-80               | /511(USAF)                    | Raytheon Co.                                            |
| ** 2N4261                       |              | CEJJ                  | 19500-488-92               | /511(USAF)                    | Semicoa Semiconductors (1)                              |
| § 2N4261                        |              | CEJJ                  | 19500-488-92               | /511(USAF)                    | Semicoa Semiconductors (1)                              |
| ++ 2N4399 <u>1/</u>             | 3            | CGG                   | 19500-508-80               | /433                          | Motorola, Inc. (1, 3)                                   |
| * 2N4405                        | 3            | CGG                   | 19500-487-90               | /448(USAF)                    | Motorola, Inc. (1, 2)                                   |
| ++ 2N4416A                      | 1            | CGG                   | 19500-991-82               | /428(USAF)                    | Motorola, Inc. (1)                                      |
| + 2N4416A                       | 1            | CGG                   | 19500-991-82               | /428(USAF)                    | Motorola, Inc. (2)                                      |
| + 2N4449                        | 2            | CGG                   | 19500-359-80               | /317                          | Motorola, Inc. (1, 2)                                   |
| ** 2N4449 <u>1/</u>             | 2            | CRP                   | 19500-523-82               | /317                          | Raytheon Co.                                            |
| + 2N4453 <u>1/</u>              | 2            | CGG                   | 19500-253-7T               | /283                          | Motorola, Inc. (1, 2)                                   |
| ++ 2N4854                       | 3            | CGG                   | 19500-242-93               | /421(USAF)                    | Motorola, Inc. (1)                                      |
| + 2N4854                        | 3            | CGG                   | 19500-242-93               | /421(USAF)                    | Motorola, Inc. (2)                                      |
| ++ 2N4854U                      | 3            | CDTF                  | 19500-158-92               | /421(USAF)                    | Optek Technology, Inc. (2)                              |
| ++ 2N4854 <u>1/</u>             | 3            | CRP                   | 19500-945-82               | /421(USAF)                    | Raytheon Co.                                            |

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| ** 2N4856 thru 2N4858          | 2            | CGG                                     | 19500-659-82                          | /385(USAF)                   | Motorola, Inc. (1)                            |
| * 2N4856 thru 2N4858           | 2            | CGG                                     | 19500-659-82                          | /385(USAF)                   | Motorola, Inc. (2)                            |
| ** 2N4856 thru 2N4861          |              | CDBN                                    | 19500-837-90                          | /385(USAF)                   | Siliconix, Inc. (1)                           |
| * 2N4856 thru 2N4861           |              | CDBN                                    | 19500-837-90                          | /385(USAF)                   | Siliconix, Inc. (3)                           |
| ** 2N4856 thru 2N4861          |              | CDCD                                    | 19500-294-75                          | /385(USAF)                   | Solitron Devices, Inc.                        |
| ++ 2N4865                      |              | CCSX                                    | 19500-649-91                          | /380(ER)                     | Silicon Transistor Corp.                      |
| ++ 2N4865                      |              | CDCD                                    | 7316                                  | /380(ER)                     | Solitron Devices, Inc.                        |
| ++ 2N4931                      | 3            | CGG                                     | 19500-659-82                          | /397(ER)                     | Motorola, Inc. (1)                            |
| + 2N4931                       | 3            | CGG                                     | 19500-659-82                          | /397(ER)                     | Motorola, Inc. (2)                            |
| ** 2N4957                      |              | CEJJ                                    | 19500-244-89                          | /426                         | Semicoa Semiconductors (1)                    |
| * 2N4957                       |              | CEJJ                                    | 19500-244-89                          | /426                         | Semicoa Semiconductors (2)                    |
| ** 2N5002                      | 3            | CDMA                                    | 19500-785-87                          | /534(USAF)                   | PPC Products Corp.                            |
| § 2N5002                       | 3            | CDMA                                    | 19500-785-87                          | /534(USAF)                   | PPC Products Corp.                            |
| ** 2N5002                      |              | CEJJ                                    | 19500-1027-87                         | /534(USAF)                   | Semicoa Semiconductors (1)                    |
| ** 2N5003                      | 3            | CDMA                                    | 19500-195-88                          | /535                         | PPC Products Corp.                            |
| § 2N5003                       | 3            | CDMA                                    | 19500-195-88                          | /535                         | PPC Products Corp.                            |
| ** 2N5003                      |              | CEJJ                                    | 19500-1028-87                         | /535                         | Semicoa Semiconductors (1)                    |
| ** 2N5004                      | 3            | CDMA                                    | 19500-785-87                          | /534(USAF)                   | PPC Products Corp.                            |
| § 2N5004                       | 3            | CDMA                                    | 19500-785-87                          | /534(USAF)                   | PPC Products Corp.                            |
| ** 2N5004                      |              | CEJJ                                    | 19500-1027-87                         | /534(USAF)                   | Semicoa Semiconductors (1)                    |
| ** 2N5005                      | 3            | CDMA                                    | 19500-195-88                          | /535                         | PPC Products Corp.                            |
| § 2N5005                       | 3            | CDMA                                    | 19500-195-88                          | /535                         | PPC Products Corp.                            |
| ** 2N5005                      |              | CEJJ                                    | 19500-1028-87                         | /535                         | Semicoa Semiconductors (1)                    |
| ** 2N5038 and 2N5039           | 3            | CRC                                     | 19500-992-74                          | /439(USAF)                   | Harris Semiconductor (1)                      |
| * 2N5038 and 2N5039            | 3            | CRC                                     | 19500-992-74                          | /439(USAF)                   | Harris Semiconductor (2)                      |
| ** 2N5038 and 2N5039 <u>1/</u> | 3            | CGG                                     | 19500-1101-87                         | /439(USAF)                   | Motorola, Inc. (1)                            |
| * 2N5038 and 2N5039 <u>1/</u>  | 3            | CGG                                     | 19500-1101-87                         | /439(USAF)                   | Motorola, Inc. (3)                            |
| ** 2N5038 and 2N5039           | 3            | CDMA                                    | 19500-788-91                          | /439(USAF)                   | PPC Products Corp.                            |
| § 2N5038 and 2N5039            | 3            | CDMA                                    | 19500-788-91                          | /439(USAF)                   | PPC Products Corp.                            |
| ** 2N5109 <u>1/</u>            | 3            | CRP                                     | 19500-516-80                          | /453(USAF)                   | Raytheon Co.                                  |
| ** 2N5109                      |              | CEJJ                                    | 19500-001-92                          | /453(USAF)                   | Semicoa Semiconductors (1)                    |
| § 2N5109                       |              | CEJJ                                    | 19500-800-91                          | /453(USAF)                   | Semicoa Semiconductors (1)                    |
| ** 2N5114 thru 2N5116          |              | CDBN                                    | 19500-977-84                          | /476(USAF)                   | Siliconix, Inc. (1)                           |
| * 2N5114 thru 2N5116           |              | CDBN                                    | 19500-977-84                          | /476(USAF)                   | Siliconix, Inc. (3)                           |
| ++ 2N5114 thru 2N5116          |              | CDCD                                    | 19500-653-75                          | /476(USAF)                   | Solitron Devices, Inc.                        |

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| ** 2N5151 and L                     |              | CEJJ                                    | 19500-824-90                          | /545(USAF)                   | Semicoa Semiconductors (1)                    |
| ** 2N5151 and L                     | 3            | CDMA                                    | 19500-164-88                          | /545(USAF)                   | PPC Products Corp.                            |
| § 2N5151 and L                      | 3            | CDMA                                    | 19500-164-88                          | /545(USAF)                   | PPC Products Corp.                            |
| ** 2N5152 and L                     | 3            | CDMA                                    | 19500-788-87                          | /544(USAF)                   | PPC Products Corp.                            |
| § 2N5152 and L                      | 3            | CDMA                                    | 19500-788-87                          | /544(USAF)                   | PPC Products Corp.                            |
| ** 2N5152 and L                     |              | CEJJ                                    | 19500-824-90                          | /544(USAF)                   | Semicoa Semiconductors (1)                    |
| ** 2N5153 and L                     | 3            | CDMA                                    | 19500-164-88                          | /545(USAF)                   | PPC Products Corp.                            |
| § 2N5153 and L                      | 3            | CDMA                                    | 19500-164-88                          | /545(USAF)                   | PPC Products Corp.                            |
| ** 2N5153 and L                     |              | CEJJ                                    | 19500-824-90                          | /545(USAF)                   | Semicoa Semiconductors (1)                    |
| ** 2N5154 and L                     | 3            | CDMA                                    | 19500-788-87                          | /544(USAF)                   | PPC Products Corp.                            |
| § 2N5154 and L                      | 3            | CDMA                                    | 19500-788-87                          | /544(USAF)                   | PPC Products Corp.                            |
| ** 2N5154 and L                     |              | CEJJ                                    | 19500-824-90                          | /544(USAF)                   | Semicoa Semiconductors (1)                    |
| * 2N5157                            | 3            | CDMA                                    | 19500-089-92                          | /371                         | PPC Products Corp.                            |
| * 2N5157                            |              | CCSX                                    | 19500-315-83                          | /371                         | Silicon Transistor Corp.                      |
| * 2N5157 1/                         |              | CDEZ                                    | 19500-778-84                          | /371                         | Solid Power Corp.                             |
| * 2N5157                            |              | CDCD                                    | 19500-291-80                          | /371                         | Solitron Devices, Inc.                        |
| ** 2N5237                           |              | CDHS                                    | 19500-869-74                          | /394(USAF)                   | A.P.I. Electronics, Inc.                      |
| ** 2N5237 and S and<br>2N5238 and S |              | CESE                                    | 19500-136-88                          | /394(USAF)                   | New England Semiconductor                     |
| ** 2N5237 and S and<br>2N5238 and S | 3            | CDMA                                    | 19500-896-87<br>19500-632-90          | /394(USAF)                   | PPC Products Corp.                            |
| § 2N5237 and S and<br>2N5238 and S  | 3            | CDMA                                    | 19500-632-90                          | /394(USAF)                   | PPC Products Corp.                            |
| ** 2N5237 and 2N5238                |              | CEJJ                                    | 19500-494-90                          | /394(USAF)                   | Semicoa Semiconductors (1)                    |
| ** 2N5237 and 2N5238                |              | CCSX                                    | 19500-384-88                          | /394(USAF)                   | Silicon Transistor Corp.                      |
| ** 2N5237 and 2N5238                |              | CDCD                                    | 19500-60-76                           | /394(USAF)                   | Solitron Devices, Inc.                        |
| ++ 2N5250                           |              | CCSX                                    | 19500-632-90                          | /380(ER)                     | Silicon Transistor Corp.                      |
| ++ 2N5250 and 2N5251                |              | CDCD                                    | 7316                                  | /380(ER)                     | Solitron Devices, Inc.                        |
| ** 2N5302 and 2N5303                | 3            | CRC                                     | 19500-245-93                          | /456                         | Harris Semiconductor (1)                      |
| * 2N5302 and 2N5303                 | 3            | CRC                                     | 19500-245-93                          | /456                         | Harris Semiconductor (2)                      |
| ** 2N5302                           | 3            | CGG                                     | 19500-508-80                          | /456                         | Motorola, Inc. (1)                            |
| * 2N5302                            | 3            | CGG                                     | 19500-508-80                          | /456                         | Motorola, Inc. (3)                            |
| ** 2N5302 and 2N5303                |              | CCSX                                    | 19500-797-82                          | /456                         | Silicon Transistor Corp.                      |
| ++ 2N5303                           | 3            | CGG                                     | 19500-508-80                          | /456                         | Motorola, Inc. (1)                            |
| + 2N5303                            | 3            | CGG                                     | 19500-508-80                          | /456                         | Motorola, Inc. (3)                            |
| ** 2N5339 1/                        | 3            | CGG                                     | 19500-1034-85                         | /560(ER)                     | Motorola, Inc. (1)                            |
| ** 2N5339                           | 3            | CDMA                                    | 19500-899-87                          | /560(ER)                     | PPC Products Corp.                            |
| § 2N5339                            | 3            | CDMA                                    | 19500-899-87                          | /560(ER)                     | PPC Products Corp.                            |

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| ** 2N5339                           |              | CEJJ                                    | 19500-824-90                          | /560(ER)                     | Semicoa Semiconductors (1)                    |
| * 2N5339                            |              | CEJJ                                    | 19500-824-90                          | /560(ER)                     | Semicoa Semiconductors (2)                    |
| ** 2N5415 and S and<br>2N5416 and S |              | CESE                                    | 19500-102-92                          | /485(USAF)                   | New England Semiconductor                     |
| ** 2N5415 and S and<br>2N5416 and S |              | CDGD                                    | 19500-230-76                          | /485(USAF)                   | Solitron Devices, Inc.                        |
| ** 2N5416S                          | 3            | CGG                                     | 19500-311-80<br>19500-659-82          | /485(USAF)                   | Motorola, Inc. (1, 2)                         |
| ++ 2N5545 thru 2N5547               |              | CDBN                                    | 19500-85-92                           | /430(USAF)                   | Siliconix, Inc. (1)                           |
| + 2N5545 thru 2N5547                |              | CDBN                                    | 19500-85-92                           | /430(USAF)                   | Siliconix, Inc. (3)                           |
| ** 2N5545 thru 2N5547               |              | CDGD                                    | 19500-490-80                          | /430(USAF)                   | Solitron Devices, Inc.                        |
| * 2N5582                            | 3            | CGG                                     | 19500-1171-82                         | /423(USAF)                   | Motorola, Inc. (1, 2)                         |
| ** 2N5660 thru 2N5663               |              | CESE                                    | 19500-476-90                          | /454(USAF)                   | New England Semiconductor                     |
| ** 2N5660 thru 2N5663               | 3            | CDMA                                    | 19500-672-87<br>19500-673-87          | /454(USAF)                   | PPC Products Corp.                            |
| ** 2N5660 thru 2N5663               |              | CCSX                                    | 19500-607-90<br>19500-608-90          | /454(USAF)                   | Silicon Transistor Corp.                      |
| ** 2N5660 thru 2N5663               |              | CEJJ                                    | 19500-824-90<br>19500-596-91          | /454(USAF)                   | Semicoa Semiconductors (1)                    |
| ** 2N5664 thru 2N5667               |              | CDHS                                    | 19500-875-75                          | /455                         | A.P.I. Electronics, Inc.                      |
| ** 2N5664 thru 2N5667               |              | CESE                                    | 19500-477-90                          | /455                         | New England Semiconductor                     |
| ** 2N5664 and 2N5665                | 3            | CDMA                                    | 19500-591-85                          | /455                         | PPC Products Corp.                            |
| § 2N5664 and 2N5665                 | 3            | CDMA                                    | 19500-489-90                          | /455                         | PPC Products Corp.                            |
| ** 2N5664 and 2N5666                |              | CEJJ                                    | 19500-825-90                          | /455                         | Semicoa Semiconductors (1)                    |
| ** 2N5664 thru 2N5667               |              | CCSX                                    | 19500-383-88<br>19500-609-90          | /455                         | Silicon Transistor Corp.                      |
| ** 2N5664 thru 2N5667               |              | CDGD                                    | 19500-291-80<br>19500-62-76           | /455                         | Solitron Devices, Inc.                        |
| ** 2N5666 and S and<br>2N5667 and S | 3            | CDMA                                    | 19500-592-85                          | /455                         | PPC Products Corp.                            |
| § 2N5666 and S and<br>2N5667 and S  | 3            | CDMA                                    | 19500-723-90                          | /455                         | PPC Products Corp.                            |
| ** 2N5671 and 2N5672                | 3            | CRC                                     | 19500-835-82                          | /488(USAF)                   | Harris Semiconductor (1)                      |
| * 2N5671 and 2N5672                 | 3            | CRC                                     | 19500-835-82                          | /488(USAF)                   | Harris Semiconductor (2)                      |
| ** 2N5671 and 2N5672                |              | CESE                                    | 19500-749-87                          | /488(USAF)                   | New England Semiconductor                     |
| ** 2N5683 and 2N5684 <u>1/</u>      | 3            | CGG                                     | 19500-158-77                          | /466(USAF)                   | Motorola, Inc. (1)                            |
| ** 2N5683 and 2N5684                |              | CESE                                    | 19500-424-90                          | /466(USAF)                   | New England Semiconductor                     |
| ** 2N5685 and 2N5686                |              | CESE                                    | 19500-680-90                          | /464(USAF)                   | New England Semiconductor                     |
| ** 2N5685 and 2N5686                |              | CCSX                                    | 19500-315-83                          | /464(USAF)                   | Silicon Transistor Corp.                      |
| ++ 2N5745 <u>1/</u>                 | 3            | CGG                                     | 19500-508-80                          | /433                         | Motorola, Inc. (1, 3)                         |

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| ++ 2N5793 and 2N5794 <u>1/</u> | 3            | CRP                                     | 19500-945-82                          | /495(USAF)                   | Raytheon Co.                                  |
| + 2N5794                       | 3            | CGG                                     | 19500-327-81                          | /495(USAF)                   | Motorola, Inc. (1, 2)                         |
| ** 2N5795 and 2N5796 <u>1/</u> | 3            | CRP                                     | 19500-945-82                          | /496(USAF)                   | Raytheon Co.                                  |
| + 2N5796                       | 2            | CGG                                     | 19500-327-81                          | /496(USAF)                   | Motorola, Inc. (1, 2)                         |
| * 2N5926 and 2N5927            |              | CDPN                                    | 7762<br>7737                          | /447(ER)<br>/440(ER)         | PowerTech, Inc.                               |
| ** 2N6032 and 2N6033           | 3            | CRC                                     | 19500-933-87                          | /528(USAF)                   | Harris Semiconductor (1)                      |
| * 2N6032 and 2N6033            | 3            | CRC                                     | 19500-933-87                          | /528(USAF)                   | Harris Semiconductor (2)                      |
| ++ 2N6051 <u>1/</u>            | 3            | CGG                                     | 19500-508-80                          | /501(USAF)                   | Motorola, Inc. (1)                            |
| + 2N6051 <u>1/</u>             | 3            | CGG                                     | 19500-508-80                          | /501(USAF)                   | Motorola, Inc. (3)                            |
| ** 2N6052 <u>1/</u>            | 3            | CGG                                     | 19500-508-80                          | /501(USAF)                   | Motorola, Inc. (1)                            |
| * 2N6052 <u>1/</u>             | 3            | CGG                                     | 19500-508-80                          | /501(USAF)                   | Motorola, Inc. (3)                            |
| + 2N6058 <u>1/</u>             | 3            | CGG                                     | 19500-682-87                          | /502(USAF)                   | Motorola, Inc. (1, 3)                         |
| ** 2N6059 <u>1/</u>            | 3            | CGG                                     | 19500-508-80                          | /502(USAF)                   | Motorola, Inc. (1)                            |
| * 2N6059 <u>1/</u>             | 3            | CGG                                     | 19500-508-80                          | /502(USAF)                   | Motorola, Inc. (3)                            |
| ** 2N6193 <u>1/</u>            | 3            | CGG                                     | 19500-1038-85                         | /561(ER)                     | Motorola, Inc. (1)                            |
| ++ 2N6193                      |              | CESE                                    | 19500-623-91                          | /561(ER)                     | New England Semiconductor                     |
| ** 2N6193                      | 3            | CDMA                                    | 19500-1249-86                         | /561(ER)                     | PPC Products Corp.                            |
| § 2N6193                       | 3            | CDMA                                    | 19500-1249-86                         | /561(ER)                     | PPC Products Corp.                            |
| ** 2N6193                      |              | CEJJ                                    | 19500-824-90                          | /561(ER)                     | Semicoa Semiconductors (1)                    |
| * 2N6193                       |              | CEJJ                                    | 19500-824-90                          | /561(ER)                     | Semicoa Semiconductors (2)                    |
| * 2N6211 thru 2N6213           | 3            | CRC                                     | 19500-148-90                          | /461(USAF)                   | Harris Semiconductor (1, 2)                   |
| + 2N6211 thru 2N6213 <u>1/</u> | 3            | CGG                                     | 19500-188-89                          | /461(USAF)                   | Motorola, Inc. (1)                            |
| ** 2N6249 thru 2N6251          | 3            | CDMA                                    | 19500-996-85                          | /510(USAF)                   | PPC Products Corp.                            |
| ** 2N6249 thru 2N6251          |              | CCSX                                    | 19500-797-82                          | /510(USAF)                   | Silicon Transistor Corp.                      |
| ** 2N6274                      | 3            | CGG                                     | 19500-392-87                          | /514(ER)                     | Motorola, Inc. (1)                            |
| ** 2N6274                      |              | CESE                                    | 19500-1594-86                         | /514(ER)                     | New England Semiconductor                     |
| ** 2N6274                      |              | CCSX                                    | 19500-540-89                          | /514(ER)                     | Silicon Transistor Corp.                      |
| ** 2N6277 <u>1/</u>            | 3            | CGG                                     | 19500-392-87                          | /514(ER)                     | Motorola, Inc. (1)                            |
| ** 2N6277                      |              | CESE                                    | 19500-1594-86                         | /514(ER)                     | New England Semiconductor                     |
| ** 2N6277                      |              | CCSX                                    | 19500-540-89                          | /514(ER)                     | Silicon Transistor Corp.                      |
| ++ 2N6283 and 2N6284           | 3            | CRC                                     | 19500-836-82                          | /504(USAF)                   | Harris Semiconductor (1)                      |
| + 2N6283 and 2N6284            | 3            | CRC                                     | 19500-836-82                          | /504(USAF)                   | Harris Semiconductor (2)                      |
| + 2N6283 <u>1/</u>             | 3            | CGG                                     | 19500-955-86                          | /504(USAF)                   | Motorola, Inc. (1, 3)                         |
| ++ 2N6283 and 2N6284           |              | CESE                                    | 19500-546-91                          | /504(USAF)                   | New England Semiconductor                     |
| ++ 2N6284 <u>1/</u>            | 3            | CGG                                     | 19500-682-87                          | /504(USAF)                   | Motorola, Inc. (1)                            |
| + 2N6284 <u>1/</u>             | 3            | CGG                                     | 19500-955-86                          | /504(USAF)                   | Motorola, Inc. (3)                            |

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| ** 2N6286 and 2N6287           | 3            | CRC                                     | 19500-475-87                          | /505(USAF)                   | Harris Semiconductor (1)                      |
| + 2N6286 <u>1/</u>             | 3            | CGG                                     | 19500-680-87                          | /505(USAF)                   | Motorola, Inc. (1)                            |
| ++ 2N6287 <u>1/</u>            | 3            | CGG                                     | 19500-680-87                          | /505(USAF)                   | Motorola, Inc. (1)                            |
| + 2N6286 and 2N6287 <u>1/</u>  | 3            | CGG                                     | 19500-680-87                          | /505(USAF)                   | Motorola, Inc. (3)                            |
| ** 2N6286 and 2N6287           |              | CESE                                    | 19500-547-91                          | /505(USAF)                   | New England Semiconductor                     |
| + 2N6298 <u>1/</u>             | 3            | CGG                                     | 19500-950-80                          | /540(USAF)                   | Motorola, Inc. (1, 3)                         |
| ** 2N6299 <u>1/</u>            | 3            | CGG                                     | 19500-950-80                          | /540(USAF)                   | Motorola, Inc. (1)                            |
| * 2N6299 <u>1/</u>             | 3            | CGG                                     | 19500-950-80                          | /540(USAF)                   | Motorola, Inc. (3)                            |
| ** 2N6298 and 2N6299           |              | CESE                                    | 19500-426-90                          | /540(USAF)                   | New England Semiconductor                     |
| ** 2N6298 and 2N6299           |              | CCSX                                    | 19500-678-90                          | /540(USAF)                   | Silicon Transistor Corp.                      |
| + 2N6300 <u>1/</u>             | 3            | CGG                                     | 19500-951-80                          | /539(USAF)                   | Motorola, Inc. (1, 3)                         |
| ** 2N6300 and 2N6301           |              | CESE                                    | 19500-543-91                          | /539(USAF)                   | New England Semiconductor                     |
| ** 2N6300 and 2N6301           |              | CCSX                                    | 19500-679-90                          | /539(USAF)                   | Silicon Transistor Corp.                      |
| ** 2N6301 <u>1/</u>            | 3            | CGG                                     | 19500-951-80                          | /539(USAF)                   | Motorola, Inc. (1)                            |
| * 2N6301 <u>1/</u>             | 3            | CGG                                     | 19500-951-80                          | /539(USAF)                   | Motorola, Inc. (3)                            |
| ** 2N6306                      | 3            | CRC                                     | 19500-572-90                          | /498(USAF)                   | Harris Semiconductor (1)                      |
| * 2N6306                       | 3            | CRC                                     | 19500-572-90                          | /498(USAF)                   | Harris Semiconductor (2)                      |
| * 2N6306 <u>1/</u>             | 3            | CGG                                     | 19500-243-81                          | /498(USAF)                   | Motorola, Inc. (1, 3)                         |
| ** 2N6306                      |              | CDGD                                    | 19500-291-80                          | /498(USAF)                   | Solitron Devices, Inc.                        |
| ** 2N6308                      | 3            | CRC                                     | 19500-572-90                          | /498(USAF)                   | Harris Semiconductor (1)                      |
| * 2N6308                       | 3            | CRC                                     | 19500-572-90                          | /498(USAF)                   | Harris Semiconductor (2)                      |
| + 2N6308 <u>1/</u>             | 3            | CGG                                     | 19500-243-81                          | /498(USAF)                   | Motorola, Inc. (1, 3)                         |
| ** 2N6308                      |              | CDGD                                    | 19500-291-80                          | /498(USAF)                   | Solitron Devices, Inc.                        |
| ** 2N6338 <u>1/</u>            | 3            | CGG                                     | 19500-453-91                          | /509(ER)                     | Motorola, Inc. (1)                            |
| ** 2N6338                      |              | CESE                                    | 19500-746-87                          | /509(ER)                     | New England Semiconductor                     |
| ** 2N6338                      | 3            | CDMA                                    | 19500-090-92                          | /509(ER)                     | PPC Products Corp.                            |
| ** 2N6338                      |              | CCSX                                    | 19500-526-89                          | /509(ER)                     | Silicon Transistor Corp.                      |
| ** 2N6341 <u>1/</u>            | 3            | CGG                                     | 19500-453-91                          | /509(ER)                     | Motorola, Inc. (1)                            |
| ** 2N6341                      |              | CESE                                    | 19500-746-87                          | /509(ER)                     | New England Semiconductor                     |
| ** 2N6341                      | 3            | CDMA                                    | 19500-090-92                          | /509(ER)                     | PPC Products Corp.                            |
| ** 2N6341                      |              | CCSX                                    | 19500-526-89                          | /509(ER)                     | Silicon Transistor Corp.                      |
| ** 2N6350 thru 2N6353          |              | CDHS                                    | 19500-202-92                          | /472(ER)                     | A.P.I. Electronics, Inc.                      |
| ** 2N6350 thru 2N6353          |              | CESE                                    | 19500-745-87                          | /472(ER)                     | New England Semiconductor                     |
| ** 2N6350 thru 2N6353          |              | CCSX                                    | 19500-821-90                          | /472(ER)                     | Silicon Transistor Corp.                      |
| + 2N6378 and 2N6379 <u>1/</u>  | 3            | CGG                                     | 19500-550-86                          | /515(ER)                     | Motorola, Inc. (1)                            |
| ** 2N6378 and 2N6379           | 3            | CDMA                                    | 19500-288-89                          | /515(ER)                     | PPC Products Corp.                            |

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| ** 2N6383 thru 2N6385          | 3            | CRC                                     | 19500-298-85                          | /523(USAF)                   | Harris Semiconductor (1)                      |
| * 2N6383 thru 2N6385           | 3            | CRC                                     | 19500-298-85                          | /523(USAF)                   | Harris Semiconductor (2)                      |
| ** 2N6383 thru 2N6385          |              | CCSX                                    | 19500-855-82                          | /523(USAF)                   | Silicon Transistor Corp.                      |
| ** 2N6385 1/                   | 3            | CGG                                     | 19500-682-87                          | /523(USAF)                   | Motorola, Inc. (1)                            |
| * 2N6385 1/                    | 3            | CGG                                     | 19500-1086-78                         | /523(USAF)                   | Motorola, Inc. (3)                            |
| ** 2N6437 and 2N6438           | 3            | CGG                                     | 19500-660-81<br>19500-1086-84         | /508(ER)                     | Motorola, Inc. (1)                            |
| * 2N6437 and 2N6438            | 3            | CGG                                     | 19500-1086-84                         | /508(ER)                     | Motorola, Inc. (3)                            |
| ** 2N6437 and 2N6438           | 3            | CDMA                                    | 19500-090-92                          | /508(ER)                     | FPC Products Corp.                            |
| ** 2N6546 and 2N6547           | 3            | CRC                                     | 19500-407-90                          | /525(USAF)                   | Harris Semiconductor (1)                      |
| * 2N6546                       | 3            | CRC                                     | 19500-407-90                          | /525(USAF)                   | Harris Semiconductor (2)                      |
| * 2N6546 and 2N6547 1/         | 3            | CGG                                     | 19500-869-92                          | /525(USAF)                   | Motorola, Inc. (1, 3)                         |
| ** 2N6546 and 2N6547           |              | CDGD                                    | 19500-537-79                          | /525(USAF)                   | Solitron Devices, Inc.                        |
| ** 2N6648 thru 2N6650          | 3            | CRC                                     | 19500-299-85                          | /527(USAF)                   | Harris Semiconductor (1)                      |
| * 2N6648 thru 2N6650           | 3            | CRC                                     | 19500-299-85                          | /527(USAF)                   | Harris Semiconductor (2)                      |
| ** 2N6660                      |              | CGG                                     | 19500-037-93                          | /547(USAF)                   | Motorola, Inc. (1)                            |
| ** 2N6660 and 2N6661           |              | CDBN                                    | 19500-574-92                          | /547(USAF)                   | Siliconix, Inc. (1)                           |
| * 2N6660 and 2N6661            |              | CDBN                                    | 19500-574-92                          | /547(USAF)                   | Siliconix, Inc. (2, 3)                        |
| ** 2N6671                      | 3            | CRC                                     | 19500-572-90                          | /536(USAF)                   | Harris Semiconductor (1)                      |
| * 2N6671                       | 3            | CRC                                     | 19500-572-90                          | /536(USAF)                   | Harris Semiconductor (2)                      |
| ** 2N6673                      | 3            | CRC                                     | 19500-572-90                          | /536(USAF)                   | Harris Semiconductor (1)                      |
| * 2N6673                       | 3            | CRC                                     | 19500-572-90                          | /536(USAF)                   | Harris Semiconductor (2)                      |
| ** 2N6674 and 2N6675           | 3            | CRC                                     | 19500-617-90                          | /537(USAF)                   | Harris Semiconductor (1)                      |
| * 2N6674 and 2N6675            | 3            | CRC                                     | 19500-617-90                          | /537(USAF)                   | Harris Semiconductor (2)                      |
| ** 2N6676                      | 3            | CRC                                     | 19500-408-90                          | /538(USAF)                   | Harris Semiconductor (1)                      |
| * 2N6676                       | 3            | CRC                                     | 19500-408-90                          | /538(USAF)                   | Harris Semiconductor (2)                      |
| ** 2N6676 and 2N6678           |              | CESE                                    | 19500-624-91                          | /538(USAF)                   | New England Semiconductor                     |
| ** 2N6678                      | 3            | CRC                                     | 19500-408-90                          | /538(USAF)                   | Harris Semiconductor (1)                      |
| * 2N6678                       | 3            | CRC                                     | 19500-408-90                          | /538(USAF)                   | Harris Semiconductor (2)                      |
| ** 2N6691 and 2N6693           |              | CESE                                    | 19500-624-91                          | /538(USAF)                   | New England Semiconductor                     |
| ++ 2N6756                      | 1            | CRC                                     | 19500-542-89                          | /542                         | Harris Semiconductor (1)                      |
| + 2N6756                       | 1            | CRC                                     | 19500-542-89                          | /542                         | Harris Semiconductor (2)                      |
| ++ 2N6756                      |              | CCBS                                    | 19500-373-88                          | /542                         | International Rectifier Corp. (1, 2)          |
| JANCA6756                      |              | CCBS                                    | 19500-857-92                          | /542                         | International Rectifier Corp. (1)             |
| ++ 2N6756                      |              | CDBN                                    | 19500-260-88                          | /542                         | Siliconix, Inc. (1)                           |
| + 2N6756                       |              | CDBN                                    | 19500-260-88                          | /542                         | Siliconix, Inc. (2)                           |

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| ++ 2N6758                      | 1            | CRC                                     | 19500-542-89                          | /542                         | Harris Semiconductor (1)                      |
| + 2N6758                       | 1            | CRC                                     | 19500-542-89                          | /542                         | Harris Semiconductor (2)                      |
| ++ 2N6758                      |              | CCBS                                    | 19500-376-88                          | /542                         | International Rectifier Corp. (1, 2)          |
| JANCA6758                      |              | CCBS                                    | 19500-858-92                          | /542                         | International Rectifier Corp. (1)             |
| ++ 2N6758                      |              | CDBN                                    | 19500-260-88                          | /542                         | Siliconix, Inc. (1)                           |
| + 2N6758                       |              | CDBN                                    | 19500-260-88                          | /542                         | Siliconix, Inc. (2)                           |
| ++ 2N6760                      | 1            | CRC                                     | 19500-542-89                          | /542                         | Harris Semiconductor (1)                      |
| + 2N6760                       | 1            | CRC                                     | 19500-542-89                          | /542                         | Harris Semiconductor (2)                      |
| ++ 2N6760                      |              | CCBS                                    | 19500-376-88                          | /542                         | International Rectifier Corp. (1, 2)          |
| JANCA6760                      |              | CCBS                                    | 19500-859-92                          | /542                         | International Rectifier Corp. (1)             |
| ++ 2N6760                      |              | CDBN                                    | 19500-260-88                          | /542                         | Siliconix, Inc. (1)                           |
| + 2N6760                       |              | CDBN                                    | 19500-260-88                          | /542                         | Siliconix, Inc. (2)                           |
| ++ 2N6762                      | 1            | CRC                                     | 19500-542-89                          | /542                         | Harris Semiconductor (1)                      |
| ++ 2N6762                      |              | CCBS                                    | 19500-489-81                          | /542                         | International Rectifier Corp. (1, 2)          |
| JANCA6762                      |              | CCBS                                    | 19500-859-92                          | /542                         | International Rectifier Corp. (1)             |
| ++ 2N6762                      |              | CDBN                                    | 19500-260-88                          | /542                         | Siliconix, Inc. (1)                           |
| + 2N6762                       |              | CDBN                                    | 19500-260-88                          | /542                         | Siliconix, Inc. (2)                           |
| ++ 2N6764                      | 2            | CRC                                     | 19500-214-90                          | /543                         | Harris Semiconductor (1)                      |
| + 2N6764                       | 2            | CRC                                     | 19500-214-90                          | /543                         | Harris Semiconductor (2)                      |
| ++ 2N6764                      |              | CCBS                                    | 19500-373-88                          | /543                         | International Rectifier Corp. (1, 2)          |
| JANCA6764                      |              | CCBS                                    | 19500-857-92                          | /543                         | International Rectifier Corp. (1)             |
| ++ 2N6764                      |              | CDBN                                    | 19500-629-87                          | /543                         | Siliconix, Inc. (1)                           |
| + 2N6764                       |              | CDBN                                    | 19500-629-87                          | /543                         | Siliconix, Inc. (2)                           |
| ++ 2N6766                      | 2            | CRC                                     | 19500-214-90                          | /543                         | Harris Semiconductor (1)                      |
| + 2N6766                       | 2            | CRC                                     | 19500-214-90                          | /543                         | Harris Semiconductor (2)                      |
| ++ 2N6766                      |              | CCBS                                    | 19500-1176-83                         | /543                         | International Rectifier Corp. (1, 2)          |
| JANCA6766                      |              | CCBS                                    | 19500-858-92                          | /543                         | International Rectifier Corp. (1)             |
| ++ 2N6766                      |              | CDBN                                    | 19500-629-87                          | /543                         | Siliconix, Inc. (1)                           |
| + 2N6766                       |              | CDBN                                    | 19500-629-87                          | /543                         | Siliconix, Inc. (2)                           |
| ++ 2N6768                      | 2            | CRC                                     | 19500-503-89                          | /543                         | Harris Semiconductor (1)                      |
| ++ 2N6768                      |              | CCBS                                    | 19500-10-84                           | /543                         | International Rectifier Corp. (1, 2)          |
| JANCA6768                      |              | CCBS                                    | 19500-859-92                          | /543                         | International Rectifier Corp. (1)             |
| ++ 2N6768                      |              | CDBN                                    | 19500-78-88                           | /543                         | Siliconix, Inc. (1)                           |
| + 2N6768                       |              | CDBN                                    | 19500-78-88                           | /543                         | Siliconix, Inc. (2)                           |

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| ++ 2N6770                      | 2            | CRC                                     | 19500-503-89                          | /543                         | Harris Semiconductor (1)                      |
| ++ 2N6770                      |              | CCBS                                    | 19500-10-84                           | /543                         | International Rectifier Corp. (1, 2)          |
| JANCA6770                      |              | CCBS                                    | 19500-859-92                          | /543                         | International Rectifier Corp. (1)             |
| ++ 2N6770                      |              | CDBN                                    | 19500-78-88                           | /543                         | Siliconix, Inc. (1)                           |
| + 2N6770                       |              | CDBN                                    | 19500-78-88                           | /543                         | Siliconix, Inc. (2)                           |
| ++ 2N6782                      | 1            | CRC                                     | 19500-558-89                          | /556                         | Harris Semiconductor (1)                      |
| + 2N6782                       | 1            | CRC                                     | 19500-558-89                          | /556                         | Harris Semiconductor (2)                      |
| ++ 2N6782                      |              | CCBS                                    | 19500-212-88                          | /556                         | International Rectifier Corp. (1)             |
| + 2N6782                       |              | CCBS                                    | 19500-212-88                          | /556                         | International Rectifier Corp. (2)             |
| JANCA6782                      |              | CCBS                                    | 19500-857-92                          | /556                         | International Rectifier Corp. (1)             |
| ++ 2N6784                      | 1            | CRC                                     | 19500-558-89                          | /556                         | Harris Semiconductor (1)                      |
| + 2N6784                       | 1            | CRC                                     | 19500-558-89                          | /556                         | Harris Semiconductor (2)                      |
| ++ 2N6784                      |              | CCBS                                    | 19500-213-88                          | /556                         | International Rectifier Corp. (1)             |
| + 2N6784                       |              | CCBS                                    | 19500-213-88                          | /556                         | International Rectifier Corp. (2)             |
| JANCA6784                      |              | CCBS                                    | 19500-858-92                          | /556                         | International Rectifier Corp. (1)             |
| ++ 2N6786                      | 1            | CRC                                     | 19500-558-89                          | /556                         | Harris Semiconductor (1)                      |
| + 2N6786                       | 1            | CRC                                     | 19500-558-89                          | /556                         | Harris Semiconductor (2)                      |
| ++ 2N6786                      |              | CCBS                                    | 19500-216-88                          | /556                         | International Rectifier Corp. (1)             |
| + 2N6786                       |              | CCBS                                    | 19500-216-88                          | /556                         | International Rectifier Corp. (2)             |
| JANCA6786                      |              | CCBS                                    | 19500-859-92                          | /556                         | International Rectifier Corp. (1)             |
| ++ 2N6788                      | 1            | CRC                                     | 19500-996-87                          | /555                         | Harris Semiconductor (1)                      |
| + 2N6788                       | 1            | CRC                                     | 19500-996-87                          | /555                         | Harris Semiconductor (2)                      |
| ++ 2N6788                      |              | CCBS                                    | 19500-392-89                          | /555                         | International Rectifier Corp. (1)             |
| + 2N6788                       |              | CCBS                                    | 19500-392-89                          | /555                         | International Rectifier Corp. (2)             |
| JANCA6788                      |              | CCBS                                    | 19500-857-92                          | /555                         | International Rectifier Corp. (1)             |
| ++ 2N6788                      |              | CDBN                                    | 19500-75-88                           | /555                         | Siliconix, Inc. (1)                           |
| + 2N6788                       |              | CDBN                                    | 19500-75-88                           | /555                         | Siliconix, Inc. (2)                           |
| ++ 2N6790                      | 1            | CRC                                     | 19500-996-87                          | /555                         | Harris Semiconductor (1)                      |
| + 2N6790                       | 1            | CRC                                     | 19500-996-87                          | /555                         | Harris Semiconductor (2)                      |
| ++ 2N6790                      |              | CCBS                                    | 19500-215-83                          | /555                         | International Rectifier Corp. (1)             |
| + 2N6790                       |              | CCBS                                    | 19500-215-83                          | /555                         | International Rectifier Corp. (2)             |
| JANCA6790                      |              | CCBS                                    | 19500-858-92                          | /555                         | International Rectifier Corp. (1)             |
| ++ 2N6790                      |              | CDBN                                    | 19500-75-88                           | /555                         | Siliconix, Inc. (1)                           |
| + 2N6790                       |              | CDBN                                    | 19500-75-88                           | /555                         | Siliconix, Inc. (2)                           |

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| ++ 2N6792                      | 1            | CRC                                     | 19500-997-87                          | /555                         | Harris Semiconductor (1)                      |
| + 2N6792                       | 1            | CRC                                     | 19500-997-87                          | /555                         | Harris Semiconductor (2)                      |
| ++ 2N6792                      |              | CCBS                                    | 19500-699-91                          | /555                         | International Rectifier Corp. (1)             |
| + 2N6792                       |              | CCBS                                    | 19500-699-91                          | /555                         | International Rectifier Corp. (2)             |
| JANCA6792                      |              | CCBS                                    | 19500-859-92                          | /555                         | International Rectifier Corp. (1)             |
| ++ 2N6792                      |              | CDBN                                    | 19500-75-88                           | /555                         | Siliconix, Inc. (1)                           |
| + 2N6792                       |              | CDBN                                    | 19500-75-88                           | /555                         | Siliconix, Inc. (2)                           |
| ++ 2N6794                      | 1            | CRC                                     | 19500-997-87                          | /555                         | Harris Semiconductor (1)                      |
| + 2N6794                       | 1            | CRC                                     | 19500-997-87                          | /555                         | Harris Semiconductor (2)                      |
| + 2N6794                       |              | CCBS                                    | 19500-699-91                          | /555                         | International Rectifier Corp. (1, 2)          |
| JANCA6794                      |              | CCBS                                    | 19500-859-92                          | /555                         | International Rectifier Corp. (1)             |
| ++ 2N6794                      |              | CDBN                                    | 19500-75-88                           | /555                         | Siliconix, Inc. (1)                           |
| + 2N6794                       |              | CDBN                                    | 19500-75-88                           | /555                         | Siliconix, Inc. (2)                           |
| ++ 2N6796                      | 1            | CRC                                     | 19500-1000-87                         | /557                         | Harris Semiconductor (1)                      |
| + 2N6796                       | 1            | CRC                                     | 19500-1000-87                         | /557                         | Harris Semiconductor (2)                      |
| ++ 2N6796                      |              | CCBS                                    | 19500-214-88                          | /557                         | International Rectifier Corp. (1)             |
| + 2N6796                       |              | CCBS                                    | 19500-214-88                          | /557                         | International Rectifier Corp. (2)             |
| JANCA6796                      |              | CCBS                                    | 19500-857-92                          | /557                         | International Rectifier Corp. (1)             |
| ++ 2N6796                      |              | CDBN                                    | 19500-258-88                          | /557                         | Siliconix, Inc. (1)                           |
| + 2N6796                       |              | CDBN                                    | 19500-258-88                          | /557                         | Siliconix, Inc. (2)                           |
| ++ 2N6798                      | 1            | CRC                                     | 19500-576-86                          | /557                         | Harris Semiconductor (1)                      |
| + 2N6798                       | 1            | CRC                                     | 19500-576-86                          | /557                         | Harris Semiconductor (2)                      |
| ++ 2N6798                      |              | CCBS                                    | 19500-393-88                          | /557                         | International Rectifier Corp. (1)             |
| + 2N6798                       |              | CCBS                                    | 19500-393-88                          | /557                         | International Rectifier Corp. (2)             |
| JANCA6798                      |              | CCBS                                    | 19500-858-92                          | /557                         | International Rectifier Corp. (1)             |
| ++ 2N6798                      |              | CDBN                                    | 19500-258-88                          | /557                         | Siliconix, Inc. (1)                           |
| + 2N6798                       |              | CDBN                                    | 19500-258-88                          | /557                         | Siliconix, Inc. (2)                           |
| ++ 2N6800                      | 1            | CRC                                     | 19500-576-86                          | /557                         | Harris Semiconductor (1)                      |
| + 2N6800                       | 1            | CRC                                     | 19500-576-86                          | /557                         | Harris Semiconductor (2)                      |
| ++ 2N6800                      |              | CCBS                                    | 19500-1261-83                         | /557                         | International Rectifier Corp. (1)             |
| + 2N6800                       |              | CCBS                                    | 19500-1261-83                         | /557                         | International Rectifier Corp. (2)             |
| JANCA6800                      |              | CCBS                                    | 19500-859-92                          | /557                         | International Rectifier Corp. (1)             |
| ++ 2N6800                      |              | CDBN                                    | 19500-76-88                           | /557                         | Siliconix, Inc. (1)                           |
| + 2N6800                       |              | CDBN                                    | 19500-76-88                           | /557                         | Siliconix, Inc. (2)                           |

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| ++ 2N5802                      | 1            | CRC                                     | 19500-357-86                          | /557                         | Harris Semiconductor (1)                      |
| + 2N5802                       | 1            | CRC                                     | 19500-357-86                          | /557                         | Harris Semiconductor (2)                      |
| ++ 2N5802                      |              | CCBS                                    | 19500-1261-83                         | /557                         | International Rectifier Corp. (1)             |
| + 2N5802                       |              | CCBS                                    | 19500-1261-83                         | /557                         | International Rectifier Corp. (2)             |
| JANCA6802                      |              | CCBS                                    | 19500-859-92                          | /557                         | International Rectifier Corp. (1)             |
| ++ 2N5802                      |              | CDBN                                    | 19500-76-88                           | /557                         | Siliconix, Inc. (1)                           |
| + 2N5802                       |              | CDBN                                    | 19500-76-88                           | /557                         | Siliconix, Inc. (2)                           |
| ++ 2N5804                      |              | CCBS                                    | 19500-811-86                          | /562                         | International Rectifier Corp. (1)             |
| JANCA6804                      |              | CCBS                                    | 19500-856-92                          | /562                         | International Rectifier Corp. (1)             |
| ++ 2N5806                      |              | CCBS                                    | 19500-503-91                          | /562                         | International Rectifier Corp. (1, 2)          |
| JANCA6806                      |              | CCBS                                    | 19500-855-92                          | /562                         | International Rectifier Corp. (1)             |
| ++ 2N5845                      |              | CCBS                                    | 19500-1094-86                         | /563                         | International Rectifier Corp. (1)             |
| + 2N5845                       |              | CCBS                                    | 19500-1094-86                         | /563                         | International Rectifier Corp. (2)             |
| JANCA6845                      |              | CCBS                                    | 19500-856-92                          | /563                         | International Rectifier Corp. (1)             |
| ++ 2N5847                      |              | CCBS                                    | 19500-1094-86                         | /563                         | International Rectifier Corp. (1)             |
| + 2N5847                       |              | CCBS                                    | 19500-1094-86                         | /563                         | International Rectifier Corp. (2)             |
| JANCA6847                      |              | CCBS                                    | 19500-855-92                          | /563                         | International Rectifier Corp. (1)             |
| ++ 2N5849                      | 1            | CRC                                     | 19500-116-93                          | /564                         | Harris Semiconductor (1)                      |
| + 2N5849                       | 1            | CRC                                     | 19500-116-93                          | /564                         | Harris Semiconductor (2)                      |
| ++ 2N5849                      |              | CCBS                                    | 19500-1093-86                         | /564                         | International Rectifier Corp. (1)             |
| + 2N5849                       |              | CCBS                                    | 19500-1093-86                         | /564                         | International Rectifier Corp. (2)             |
| § 2N5849                       |              | CCBS                                    | 19500-831-92                          | /564                         | International Rectifier Corp. (1)             |
| JANCA6849                      |              | CCBS                                    | 19500-856-92                          | /564                         | International Rectifier Corp. (1)             |
| ++ 2N5849                      |              | CDBN                                    | 19500-552-89                          | /564                         | Siliconix, Inc. (1)                           |
| + 2N5849                       |              | CDBN                                    | 19500-552-89                          | /564                         | Siliconix, Inc. (2)                           |
| ++ 2N5851                      | 1            | CRC                                     | 19500-116-93                          | /564                         | Harris Semiconductor (1)                      |
| * 2N5851                       | 1            | CRC                                     | 19500-116-93                          | /564                         | Harris Semiconductor (2)                      |
| ++ 2N5851                      |              | CCBS                                    | 19500-504-91                          | /564                         | International Rectifier Corp. (1)             |
| + 2N5851                       |              | CCBS                                    | 19500-504-91                          | /564                         | International Rectifier Corp. (2)             |
| JANCA6851                      |              | CCBS                                    | 19500-855-92                          | /564                         | International Rectifier Corp. (1)             |
| ++ 2N5851                      |              | CDBN                                    | 19500-552-89                          | /564                         | Siliconix, Inc. (1)                           |
| + 2N5851                       |              | CDBN                                    | 19500-552-89                          | /564                         | Siliconix, Inc. (2)                           |
| ++ 2N5895 thru 2N5898          | 1            | CRC                                     | 19500-212-90                          | /565                         | Harris Semiconductor (1)                      |
| + 2N5895                       | 1            | CRC                                     | 19500-212-90                          | /565                         | Harris Semiconductor (2)                      |

| GOVERNMENT TYPE<br>DESIGNATION                    | ESD<br>CLASS | MANUFACTURER'S<br>DESIGNATING<br>SYMBOL | TEST OR<br>QUALIFICATION<br>REFERENCE        | DETAIL<br>SPECIFI-<br>CATION | MANUFACTURER'S NAME<br>(ADDRESS ON LAST PAGE) |
|---------------------------------------------------|--------------|-----------------------------------------|----------------------------------------------|------------------------------|-----------------------------------------------|
| ++ 2N6901                                         | 1            | CRC                                     | 19500-129-90                                 | /570                         | Harris Semiconductor (1)                      |
| + 2N6901                                          | 1            | CRC                                     | 19500-129-90                                 | /570                         | Harris Semiconductor (2)                      |
| ++ 2N6902                                         | 1            | CRC                                     | 19500-333-89                                 | /566                         | Harris Semiconductor (1)                      |
| + 2N6902                                          | 1            | CRC                                     | 19500-333-89                                 | /566                         | Harris Semiconductor (2)                      |
| ++ 2N6903                                         | 1            | CRC                                     | 19500-129-90                                 | /570                         | Harris Semiconductor (1)                      |
| + 2N6903                                          | 1            | CRC                                     | 19500-129-90                                 | /570                         | Harris Semiconductor (2)                      |
| ++ 2N6904                                         | 1            | CRC                                     | 19500-333-89                                 | /566                         | Harris Semiconductor (1)                      |
| + 2N6904                                          | 1            | CRC                                     | 19500-333-89                                 | /566                         | Harris Semiconductor (2)                      |
| ++ 2N6966 thru 2N6969 <u>1/</u>                   | 1            | CRC                                     | 19500-72-88                                  | /569                         | Harris Semiconductor Corp. (A1)               |
| + 2N6966 thru 2N6969 <u>1/</u>                    | 1            | CRC                                     | 19500-526-90                                 | /569                         | Harris Semiconductor Corp. (A2)               |
| ++ 2N6987 and 2N6988                              | 3            | CGG                                     | 19500-1786-86                                | /558                         | Motorola, Inc. (1)                            |
| ++ 2N6987 and 2N6988 <u>1/</u>                    | 3            | CRP                                     | 19500-269-88<br>19500-1757-86                | /558                         | Raytheon Co.                                  |
| ++ 2N6989 and 2N6990                              | 3            | CGG                                     | 19500-788-92<br>19500-789-92                 | /559                         | Motorola, Inc. (1)                            |
| + 2N6989                                          |              | CGG                                     | 19500-788-92                                 | /559                         | Motorola, Inc. (2)                            |
| ++ 2N6989 and 2N6990 <u>1/</u>                    | 3            | CRP                                     | 19500-268-88<br>19500-1758-86                | /559                         | Raytheon Co.                                  |
| ++ 2N7218, 2N7219<br>2N7221, 2N7222               |              | CCBS                                    | 19500-703-91                                 | /596                         | International Rectifier Corp. (1)             |
| JANCA7218<br>JANCA7219<br>JANCA7221 and JANCA7222 |              | CCBS                                    | 19500-857-92<br>19500-858-92<br>19500-859-92 | /596                         | International Rectifier Corp. (1)             |
| JANCA7224<br>JANCA7225<br>JANCA7227 and JANCA7228 |              | CCBS                                    | 19500-857-92<br>19500-858-92<br>19500-859-92 | /592                         | International Rectifier Corp. (1)             |
| ++ 2N7224, 2N7225,<br>2N7227, 2N7228              |              | CRC                                     | 19500-861-92                                 | /592                         | Harris Semiconductor (1)                      |
| ++ 2N7224, 2N7225,<br>2N7227, 2N7228              |              | CCBS                                    | 19500-703-91                                 | /592                         | International Rectifier Corp. (1)             |
| ++ 2N7224, 2N7225,<br>2N7227, 2N7228              |              | CDBN                                    | 19500-464-93                                 | /592                         | Siliconix, Inc. (1)                           |
| ++ 2N7227 and 2N7228                              |              |                                         | 19500-170-92                                 | /592                         | Advanced Power Technology                     |
| ++ 2N7236 and 2N7237                              |              | CCBS                                    | 19500-503-91                                 | /595                         | International Rectifier Corp. (1)             |
| § 2N7236                                          |              | CCBS                                    | 19500-830-92                                 | /595                         | International Rectifier Corp. (1)             |
| JANCA7236<br>JANCA7237                            |              | CCBS                                    | 19500-856-92<br>19500-855-92                 | /595                         | International Rectifier Corp. (1)             |
| ¥ R2N7261                                         |              | CCBS                                    | 19500-038-93                                 | /601                         | International Rectifier Corp. (1)             |
| § R2N7261                                         |              | CCBS                                    | 19500-038-93                                 | /601                         | International Rectifier Corp. (1)             |
| ¥ H2N7262                                         |              | CCBS                                    | 19500-196-93                                 | /601                         | International Rectifier Corp. (1)             |
| § H2N7262                                         |              | CCBS                                    | 19500-196-93                                 | /601                         | International Rectifier Corp. (1)             |

| GOVERNMENT TYPE<br>DESIGNATION           | ESD<br>CLASS | MANUFACTURER'S<br>DESIGNATING QUALIFICATION |              | TEST OR<br>SPECIFI-<br>CATION | DETAIL<br>MANUFACTURER'S NAME<br>(ADDRESS ON LAST PAGE) |
|------------------------------------------|--------------|---------------------------------------------|--------------|-------------------------------|---------------------------------------------------------|
|                                          |              | SYMBOL                                      | REFERENCE    |                               |                                                         |
| W G2N7268                                |              | CCBS                                        | 19500-223-93 | /603                          | International Rectifier Corp. (1)                       |
| S G2N7268                                |              | CCBS                                        | 19500-223-93 | /603                          | International Rectifier Corp. (1)                       |
| W R2N7269                                |              | CCBS                                        | 19500-194-93 | /603                          | International Rectifier Corp. (1)                       |
| S R2N7269                                |              | CCBS                                        | 19500-194-93 | /603                          | International Rectifier Corp. (1)                       |
| ++ 2N7334                                |              | CCBS                                        | 19500-860-92 | /597                          | International Rectifier Corp. (1)                       |
| ++ 2N7335                                |              |                                             |              | /599                          |                                                         |
| ++ 2N7336                                |              |                                             |              | /598                          |                                                         |
| ++ 4N22, U, A, AU thru<br>4N24, U, A, AU |              | CEJG                                        | 19500-343-82 | /486                          | Micropac Industries, Inc. (1)                           |
| + 4N22 and A thru<br>4N24 and A          |              | CEJG                                        | 19500-343-82 | /486                          | Micropac Industries, Inc. (2)                           |
| ++ 4N22A and AU thru<br>4N24A and AU     | 3            | CDTF                                        | 19500-492-92 | /486                          | Optek Technology, Inc. (1)                              |
| + 4N22A thru 4N24A                       | 3            | CDTF                                        | 19500-492-92 | /486                          | Optek Technology, Inc. (3)                              |
| ++ 4N47 and U thru<br>4N49 and U         |              | CEJG                                        | 19500-343-82 | /548                          | Micropac Industries, Inc. (1)                           |
| + 4N47 thru 4N49                         |              | CEJG                                        | 19500-343-82 | /548                          | Micropac Industries, Inc. (2)                           |
| S 4N47 thru 4N49                         |              | CEJG                                        | 19500-839-92 | /548                          | Micropac Industries, Inc. (1)                           |
| ++ 4N47 and U thru<br>4N49 and U         | 3            | CDTF                                        | 19500-491-92 | /548                          | Optek Technology, Inc. (1)                              |
| + 4N47 thru 4N49                         | 3            | CDTF                                        | 19500-492-92 | /548                          | Optek Technology, Inc. (3)                              |

| MANUFACTURER'S NAME, ADDRESS<br>AND PLANT                                                                                                                                                                                             | CAGE<br>CODE                       | MANUFACTURER'S NAME, ADDRESS<br>AND PLANT                                                                                                                                                                                                                                                                                                        | CAGE<br>CODE               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| A.P.I. Electronics, Inc.<br>375 Rabro Drive<br>Hauppauge, NY 11788-4227<br>Plant: Same Address                                                                                                                                        | CDHS<br><br>52333                  | Hewlett-Packard (A)<br>Microwave Semiconductor Division<br>350 West Trimble Road<br>San Jose, CA 95131-1096<br>Plants: 1. Same Address<br>2. Bayan Lepas Free Trade Zone<br>Pulau, Penang, Malaysia                                                                                                                                              | CAQI<br><br>54893<br><br>M |
| Advanced Power Technology<br>405 S.W. Columbia Street<br>Bend, OR 97702-1000<br>Plant: Same Address                                                                                                                                   | ODY74                              | Hewlett-Packard (B)<br>Optoelectronics Division<br>370 West Trimble Road<br>San Jose, CA 95131-1096<br>Plants: 1. Same Address<br>2. Hewlett-Packard Singapore<br>PTE LTD<br>1150 Depot Road<br>Singapore                                                                                                                                        | CAQI<br><br>50434          |
| Alpha Industries, Inc.<br>20 Sylvan Road<br>Woburn, MA 01801-1885<br>Plant: Same Address                                                                                                                                              | CDAP<br><br>17540                  | International Rectifier Corporation<br>Semiconductor Division<br>233 Kansas Street<br>El Segundo, CA 90245-4382<br>Plants: 1. Same Address<br>2. International Rectifier, G.B.<br>Hurst Green, Oxted/Surrey<br>England<br>3. Rectificadores Internacionales<br>Durazno #30 Centro Industrial<br>Los Olivos<br>La Mesa de Tijuana, B.C.<br>Mexico | CCBS<br><br>59993          |
| American Power Devices, Inc.<br>69 Bennett Street<br>Lynn, MA 01905-3003<br>Plant: Same Address                                                                                                                                       | CELH<br><br>50273                  | Knox Semiconductor, Inc.<br>P.O. Box 609<br>Rockport, ME 04856-9999<br>Plant: 13 1/2 Quarry Road<br>Rockport, ME 04856                                                                                                                                                                                                                           | CEJL<br><br>61322          |
| BKC Semiconductors, Inc.<br>6 Lake Street<br>Lawrence, MA 01841-3011<br>Plant: Same Address                                                                                                                                           | CERJ<br><br>66891                  | Linfinity Microelectronics, Inc.<br>11861 Western Avenue<br>Garden Grove, CA 92641-2119<br>Plants: 1. Same Address<br>2. Pacific Semiconductor<br>FTI Compound Taguig<br>Manilla, Philippines                                                                                                                                                    | CESD<br><br>34333          |
| Compensated Devices, Inc.<br>166 Tremont Street<br>Melrose, MA 02176-2296<br>Plant: 174 Green Street<br>Melrose, MA 02176                                                                                                             | CDWR<br><br>55801                  | M/A-COM, Inc.<br>1011 Pawtucket Boulevard<br>P.O. Box 3295<br>Lowell, MA 01853-3295<br>Plant: South Avenue<br>Burlington, MA 01803-4989                                                                                                                                                                                                          | CBYI<br><br>96341          |
| General Instrument Corporation<br>Discrete Semiconductor Division<br>600 West John Street<br>Hicksville, NY 11802-1000<br>Plant: Same Address                                                                                         | CAKX<br><br>14936                  | Micropac Industries, Inc.<br>P.O. Box 469017<br>Garland, TX 75046-9017<br>Plants: 1. 725 E. Walnut Street<br>Garland, TX<br>2. Inmobiliaria San Jose De Co.<br>Juarez SA de CV<br>Carrstera A Casas Grandes<br>#2935 (Altos)<br>Fraggionamiento Division<br>Del Norte<br>C.D. Juarez, Chih.<br>Mexico CP 32620                                   | CEJG<br><br>31757          |
| General Semiconductor Ireland<br>Macroon Industrial Development Park<br>Macroon, County Cork, Ireland<br>Plant: Same Address                                                                                                          | CDCG<br><br>24444                  |                                                                                                                                                                                                                                                                                                                                                  | DECD                       |
| Germanium Power Devices Corporation<br>P.O. Box 65<br>Shawsheen Village Station<br>Andover, MA 01810-2910<br>Plant: Shetland Industrial Center<br>Building #4, York Street<br>Andover, MA                                             | CDTO<br><br>53399                  |                                                                                                                                                                                                                                                                                                                                                  | M                          |
| Harris Semiconductor<br>Route 202<br>Somerville, NJ 08876-9999<br>Plants: 1. 125 Crestwood Road<br>Mountaintop, PA 18707-2189<br>2. RCA Sendirian Berhad<br>75 Jalan Ulu Klang<br>Ampang Industrial Estates<br>Kuala Lumpur, Malaysia | CRC<br><br>18722<br><br>C<br><br>M |                                                                                                                                                                                                                                                                                                                                                  |                            |

| MANUFACTURER'S NAME, ADDRESS<br>AND PLANT                                                                                                                                                                                                                                                                 | CAGE<br>CODE                | MANUFACTURER'S NAME, ADDRESS<br>AND PLANT                                                                                                                                                                                                                                                                                                                     | CAGE<br>CODE                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| Microsemi Corporation (A)<br>2830 South Fairview Street<br>Santa Ana, CA 92704-1390<br>Plants: 1. Same Address<br>2. Microsemi Corp., Ltd.<br>5th Floor Meeco Ind. Bldg.<br>53-55 Au Pui Wan Street<br>Foton, Shatin N.T., Hong Kong                                                                      | CCYL<br>14552<br><br>H      | Powerex, Inc.<br>Division of Westinghouse,<br>General Electric, and Mitsubishi<br>Hillis Road<br>Youngwood, PA 15697-9999<br>Plants: 1. Same Address<br>2. Road 30 KM 6.0<br>Barrio Kinca<br>Gurabo, Puerto Rico                                                                                                                                              | CERC<br><br><br>66844                          |
| Microsemi Corporation (B)<br>8700 East Thomas Road<br>Scottsdale, AZ 85252-1008<br>Plants: 1. Same Address<br>2. Microsemi Corp., Ltd.<br>5th Floor Meeco Ind. Bldg.<br>53-55 Au Pui Wan Street<br>Foton, Shatin N.T., Hong Kong                                                                          | CCZL<br>12954<br><br>H      | PowerTech, Inc.<br>0-02 Fair Lawn Avenue<br>Fair Lawn, NJ 07410-1281<br>Plant: Same Address                                                                                                                                                                                                                                                                   | CDPN<br><br>32953                              |
| Microsemi Corp. Colorado<br>800 Hoyt Street<br>Broomfield, CO 80020-1008<br>Plant: Same Address                                                                                                                                                                                                           | CEWP<br>59377               | PPC Products Corp.<br>7516 Central Industrial Drive<br>Riviera Beach, FL 33404-3499<br>Plant: Same Address                                                                                                                                                                                                                                                    | CDMA<br>33178                                  |
| Microsemi Corp. Watertown<br>580 Pleasant Street<br>Watertown, MA 02172-2497<br>Plants: 1. Same Address<br>2. Microsemi Corp. Ireland<br>Ennis Industrial Park<br>Gort Road<br>Ennis, County Clare, Ireland<br>3. Standard Electrica, S.A.R.L.<br>Semiconductors Division<br>S. Gabriel-Cascais, Portugal | CDAS<br>12969<br><br>I<br>P | Raytheon Company<br>Semiconductor Division<br>350 Ellis Street<br>Mountain View, CA 94039-7016<br>Plant: Same Address<br><br>Semicoa Semiconductors<br>333 McCormick Avenue<br>Costa Mesa, CA 92626-2613<br>Plants: 1. Same Address<br>2. Team Pacific Corp.<br>Electronics Avenue<br>FTI Complex<br>Taguig, Metro Manila<br>Philippines                      | CRP<br><br>07933<br><br>CEJJ<br>34156<br><br>T |
| Motorola, Inc.<br>Discrete Semiconductor Group<br>5005 East McDowell Road<br>Phoenix, AZ 85008-4295<br>Plants: 1. Same Address<br>2. 445 Kwang Tang-Dong<br>Sung Dong-Ku, Seoul, Korea<br>3. Ave. Amada Nervo 1437 Zapotan<br>Guadalajara 5, Jalisco<br>Mexico                                            | CGG<br>04713<br><br>K<br>W  | Semicon Components, Inc.<br>10 North Avenue<br>Burlington, MA 01803-3396<br>Plant: Same Address<br><br>Semtech Corporation<br>652 Mitchell Road<br>Newbury Park, CA 91320-2289<br>Plants: 1. Same Address<br>2. Semtech Corpus Christi<br>S.A. DE C.V.<br>Carretera a Matamoros y Brecha<br>E-99<br>Edificio 7 Parque Industrial CD<br>Reynosa, Tamps, Mexico | CDKF<br>11961<br><br>CDBV<br>14099             |
| National Semiconductor<br>333 Western Avenue<br>South Portland, ME 04106-0022<br>Plant: Same Address                                                                                                                                                                                                      | CCXP<br>27014<br>Z          |                                                                                                                                                                                                                                                                                                                                                               |                                                |
| New England Semiconductor<br>6 Lake Street<br>Lawrence, MA 01841-3011<br>Plant: Same Address                                                                                                                                                                                                              | CESE<br>43611               |                                                                                                                                                                                                                                                                                                                                                               | CQN                                            |
| Optek Technology, Inc.<br>1215 West Crosby Road<br>Carrollton, TX 75006-6989<br>Plants: 1. Same Address<br>2. Building 832, Fort Wolters<br>Mineral Wells, TX<br>3. Optron de Mexico<br>Rio Bravo Industrial Park<br>Zaragoza, Mexico                                                                     | CDTF<br>32694<br><br>1BX36  | Sensitron Semiconductor<br>Division of RSM Electron Power, Inc.<br>221 West Industry Court<br>Deer Park, NY 11729-4681<br>Plant: Same Address<br><br>Silicon Transistor Corporation<br>Katrina Road<br>Chelmsford, MA 01824-2842<br>Plant: Same Address                                                                                                       | CCSX<br><br>07256                              |

| MANUFACTURER'S NAME, ADDRESS<br>AND PLANT                                                                                                                                                                                                                                                                           | CAGE<br>CODE                                | MANUFACTURER'S NAME, ADDRESS<br>AND PLANT | CAGE<br>CODE |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-------------------------------------------|--------------|
| Siliconix, Inc.<br>2201 Laurelwood Road<br>Santa Clara, CA 95054-1593<br>Plants: 1. Same Address<br>2. Siliconix, Ltd.<br>Nan Tze Export<br>Processing Zone<br>Kaohsiung, Taiwan<br>3. Siliconix, Ltd.<br>Pacific Semiconductors, Inc.<br>Electronics Avenue<br>FTI Compound<br>Taguig, Metro Manila<br>Philippines | CDBN<br><br>17856<br><br><br>T<br><br><br>F |                                           |              |
| Solid Power Corporation<br>440 Eastern Parkway<br>Farmingdale, NY 11735-2491<br>Plant: Same Address                                                                                                                                                                                                                 | CDEZ<br><br>30045                           |                                           |              |
| Solid State Devices, Inc.<br>14830 Valley View Avenue<br>La Mirada, CA 90638-5277<br>Plant: Same Address                                                                                                                                                                                                            | CDVL<br><br>30043                           |                                           |              |
| Solitron Devices, Inc.<br>3301 Electronics Way<br>West Palm Beach, FL 33407-4636<br>Plant: Same Address                                                                                                                                                                                                             | CDGD<br><br>21845                           |                                           |              |
| Voltage Multipliers, Inc.<br>8711 West Roosevelt<br>Visalia, CA 93291-9458<br>Plant: Same Address                                                                                                                                                                                                                   | CETH<br><br>60211                           |                                           |              |