

DLA Land and Maritime - VQ
Supplemental Information Sheet for Electronic QPL-55110

Date: 3/6/2025

Specification Details:

Specification: MIL-PRF-55110
Title: Printed Wiring Board, Rigid
Federal Supply Class (FSC): 5998
Conventional: Yes
Specification contains quality assurance program: Yes
MIL-STD-790 Established Reliability & High Reliability: No
MIL-STD-690 Failure Rate Sampling Plans & Procedures: No
Weibull Graded: No
Specification contains space level reliability requirements: No
Specification allows test optimization: Yes

Contact Information:

Office of Primary Involvement: Electronic Devices Branch, DLA Land and Maritime - VQE
Primary Qualifying Activity Contact: 614-692-9554, e-mail: vqe.zc@dla.mil

Notes:

Effective 31 December 1998, MIL-PRF-55110 has been declared "Inactive for New Design." For new design, use MIL-PRF-31032. This is applicable on all acquisitions to which MIL-PRF-55110 is applied.

Base Material:

AF - Aramid Fabric, Woven, Majority Polyfunctional Epoxy Resin
BF - Aramid Fabric, Nonwoven, Epoxy Resin
BI - Aramid Fabric, Nonwoven, Polyimide Resin
GB - Glass Base, Woven, Majority Polyfunctional Epoxy Resin, Hot Strength Retention
GC - Glass Base, Woven E, Reinforcement, Majority Cyanate Ester, Flame Resistant
GF - Glass Base, Woven, Majority Difunctional Epoxy Resin, Flame Resistant
GH - Glass Base, Woven, Majority Polyfunctional Epoxy Resin, Hot Strength Retention, Flame Resistant
GI - Glass Base, Woven, Polyimide Resin, Heat Resistant
GM - Glass Base, Woven, Triazine and/or Bismaleimide Modified Epoxy Resin, Flame Resistant
GR - Glass Base, Nonwoven, Polytetrafluoroethylene Resin, Flame Resistant
GX - Glass Base, Woven, Polytetrafluoroethylene Resin, Flame Resistant
GY - Glass Base, Woven, Polytetrafluoroethylene Resin, Flame Resistant, for Microwave Application
QI - Quartz Base, Woven, Polyimide Resin, Heat Resistant
SC - Glass Base, Woven S-2, Fiber, Majority Cyanate Ester, Flame Resistant

Part Configuration:

Listed by classification type and base material.

PART LISTINGS

SUPPLIER'S NAME (ADDRESS ON LAST PAGE)

SUPPLIER'S NAME (ADDRESS ON LAST PAGE)

AF TYPE 3

TTM Technologies, Inc. (Stafford)

BI TYPE 3

Firan Technology Group Circuits

FTG Circuits, Inc. - Chatsworth

Sanmina-SCI (San Jose)

TTM Technologies, Inc. (Stafford)

GF TYPE 3

AC Universal Circuits, LLC

Accurate Circuit Engineering

Accurate Engineering Inc.

Advanced Circuits, Inc. (Chandler)

American Standard Circuits

Amphenol Printed Circuits

Calumet Electronics Corp.

Circuit-Tech Inc.

Cirexx International, Inc.

GF TYPE 3

Cirtech, Inc.

Compunetics Inc.

Electro Plate Circuitry, Inc.

Firan Technology Group Circuits

FTG Circuits Fredericksburg Inc.

FTG Circuits Haverhill Inc

FTG Circuits, Inc. - Chatsworth

Gorilla Circuits

Holaday Circuits Inc. (San Marcos)

Holaday Circuits, Inc.

KCA Electronics, Inc

Lockheed Martin Corporation Rotary and Mission Systems

Lone Star Circuits

Metaplast Circuits, Ltd.

Micropack Private Limited

Midwest Printed Circuits Services

PART LISTINGS

SUPPLIER'S NAME (ADDRESS ON LAST PAGE)

SUPPLIER'S NAME (ADDRESS ON LAST PAGE)

GF TYPE 3

Multicircuits, Inc.
 Murrietta Circuits, Inc.
 Pioneer Circuits, Inc.
 Printed Circuits, Inc
 Pro-Tech Interconnect Solutions LLC
 Prototron Circuits, Inc.
 Sanmina-SCI, San Jose
 Sierra Circuits, Inc.
 Summit Interconnect Toronto
 TTM Technologies Toronto, Inc.
 TTM Technologies, Inc. (Forest Grove)
 TTM Technologies, Inc. (North Jackson)
 TTM Technologies, Inc. (Santa Ana)
 TTM Technologies, Inc. (Stafford)
 TTM Technologies, Inc. (Sterling)
 Unicircuit, Inc.
 US Circuit
 Westak of Oregon

GF/GI TYPE 3

Sanmina-SCI (San Jose)

GF/Woven E-Glass, Epoxy Resin, Flame Resistant, with Inorganic Filler TYPE 3

TTM Technologies, Inc. (Stafford)

GF/Woven Glass Reinforced, Hydrocarbon Resin with Ceramic Fill TYPE 3

AC Universal Circuits, LLC
 American Standard Circuits
 Amphenol Printed Circuits
 Compunetics, Inc.
 Multicircuits, Inc.
 Sanmina-SCI (San Jose)

GI TYPE 3

AC Universal Circuits, LLC
 Accurate Engineering Inc.
 Advanced Circuits, Inc. (Chandler)
 American Standard Circuits
 Amphenol Printed Circuits
 Calumet Electronics Corp.
 Cirexx International, Inc.
 Cirtech, Inc.
 Electro Plate Circuitry, Inc.
 Firan Technology Group Circuits
 FTG Circuits Fredericksburg Inc.
 FTG Circuits, Inc. - Chatsworth

GI TYPE 3

Gorilla Circuits
 Holaday Circuits Inc. (San Marcos)
 Holaday Circuits, Inc.
 KCA Electronics, Inc
 Lockheed Martin Corporation Rotary and Mission Systems
 Lone Star Circuits
 Micropack Private Limited
 Midwest Printed Circuits Services
 Multicircuits, Inc.
 Pioneer Circuits, Inc.
 Printed Circuits, Inc
 Pro-Tech Interconnect Solutions LLC
 Sanmina-SCI, San Jose
 Sierra Circuits, Inc.
 Summit Interconnect Toronto
 TTM Technologies Toronto, Inc.
 TTM Technologies, Inc. (Forest Grove)
 TTM Technologies, Inc. (North Jackson)
 TTM Technologies, Inc. (Santa Ana)
 TTM Technologies, Inc. (Stafford)
 TTM Technologies, Inc. (Sterling)
 Unicircuit, Inc.
 US Circuit
 Westak of Oregon

GM TYPE 3

TTM Technologies, Inc. (Stafford)

GR TYPE 2

Lone Star Circuits

GY TYPE 2

Lone Star Circuits

GY TYPE 3

Electro Plate Circuitry, Inc.

PPE/Woven Glass TYPE 3

TTM Technologies, Inc. (Sterling)

With or Without Woven or Non-Woven E-Glass, Polytetrafluoroethylene (PTFE) Resin, Ceramic Filler TYPE 3

Electro Plate Circuitry, Inc.
 TTM Technologies, Inc. (Stafford)

Woven E-Glass Reinforced, Hydrocarbon Resin TYPE 3

Advanced Circuits, Inc. (Chandler)

Woven Glass Reinforced, Hydrocarbon Resin with Ceramic Fill TYPE 2

TTM Technologies, Inc. (North Jackson)

PART LISTINGS

SUPPLIER'S NAME (ADDRESS ON LAST PAGE)

SUPPLIER'S NAME (ADDRESS ON LAST PAGE)

Woven Glass Reinforced, Hydrocarbon Resin with Ceramic Fill TYPE 3

AC Universal Circuits, LLC

American Standard Circuits

Amphenol Printed Circuits

Compunetics Inc.

Micropack Private Limited

Sanmina-SCI (San Jose)

TTM Technologies, Inc. (Stafford)

TTM Technologies, Inc. (Stafford)

TTM Technologies, Inc. (Sterling)

Manufacturer and Supplier Location Information

Manufacturer: AC Universal Circuits, LLC (CAGE Code: 45032)

Location: 8860 Zachary Lane North, Maple Grove, MN 55369-4524, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Accurate Circuit Engineering (CAGE Code: 0MNN9)

Location: 3019 S. Kilson Drive, Santa Ana, CA 92707, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Accurate Engineering Inc. (CAGE Code: 1W538)

Location: 8710 Telfair Ave, Sun Valley, CA 91352, USA

Manufacturer: Advanced Circuits, Inc. (Chandler) (CAGE Code: 6RJS1)

Location: 6615 W. Boston St., Chandler, AZ 85226, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: American Standard Circuits (CAGE Code: 4AA34)

Location: RF Division, 475 Industrial Drive, West Chicago, IL 60185, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Amphenol Printed Circuits (CAGE Code: 57034)

Location: 91 Northeastern Boulevard, Nashua, NH 03062, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Calumet Electronics Corp. (CAGE Code: 65337)

Location: 25830 Depot Street, Calumet, MI 49913-1985, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Circuit-Tech Inc. (CAGE Code: L4387)

Location: 399 Denison Street, Markham,, ON L3R 1B7, Canada

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Cirexx International, Inc. (CAGE Code: 4MEG7)

Location: 791 Nuttman Street, Santa Clara, CA 95054, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Cirtech, Inc. (CAGE Code: 8K616)

Location: 250 E. Emerson Ave., Orange, CA 92865-3303,

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Compunetics, Inc. (CAGE Code: 30598)

Location: 700 Seco Road, Monroeville, PA 15146, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Electro Plate Circuitry, Inc. (CAGE Code: 79616)

Location: 1430 Century Drive, Carrollton, TX 75006, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Firan Technology Group (CAGE Code: L2665)

Location: 250 Finchdene Square, Scarborough, M1X 1A5, Ontario, Canada

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer and Supplier Location Information

Manufacturer: FTG Circuits Fredericksburg Inc. (CAGE Code: 6T499)

Location: 1026 Warrentown Road, Fredericksburg, VA 22406-6200, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: FTG Circuits Haverhill Inc (CAGE Code: 78259)

Location: 140 Hilldale Avenue, Haverhill, MA 01832-3830, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: FTG Circuits Minnetonka, LLC (CAGE Code: 59554)

Location: 11126 Bren Road West, Minnetonka, MN 55343, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: FTG Circuits, Inc. - Chatsworth (CAGE Code: 30803)

Location: 20750 Marilla Street, Chatsworth, CA 91311, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Gorilla Circuits (CAGE Code: 3C7D2)

Location: 1145 Old Oakland Rd., San Jose, CA 95112, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Hamby Corporation (CAGE Code: 07284)

Location: 27704 Avenue Scott, Valencia, CA 91355-1218, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Hughes Circuits, Inc. (CAGE Code: 1KXU6)

Location: 540 S. Pacific Street, San Marcos, CA 92078-4056, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: KCA Electronics, Inc. (CAGE Code: 1VUH8)

Location: 223 N. Crescent Way, Anaheim, CA 92801, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Lockheed Martin Corporation Rotary and Mission Systems (CAGE Code: 03640)

Location: 1801 State Route 17-C, Owego, NY 13827, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Lone Star Circuits (CAGE Code: 04RV5)

Location: 901 Hensley Drive, Wylie, TX 75098-4909, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Metaplast Circuits, Ltd. (CAGE Code: 3AD63)

Location: 180 Hymus Road, Scarborough, M1L 2E1, Ontario, Canada

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Micropack Private Limited (CAGE Code: 0436Y)

Location: Plot No. 16 Jigani Industrial Area, Anekal Taluk, Bangalore District 560105, India

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Midwest Printed Circuit Services (CAGE Code: 0YYS4)

Location: 1741 Circuit Drive, Round Lake Beach, IL 60073, US

Manufacturer and Supplier Location Information

Manufacturer: Midwest Printed Circuit Services (CAGE Code: 0YYS4)

Location: 1741 Circuit Drive, Round Lake Beach, IL 60073, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Multicircuits, Inc. (CAGE Code: 1BQS8)

Location: 2301 Universal Street, Oshkosh, WI 54904-9146, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Murrietta Circuits, Inc. (CAGE Code: 0EJD7)

Location: 5000 E. Landon Drive, Anaheim, CA 92807, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Pioneer Circuits, Inc. (CAGE Code: 65723)

Location: 3000 S. Shannon Street, Santa Ana, CA 92704-6321, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Pro-Tech Interconnect Solutions LLC (CAGE Code: 3CP65)

Location: 4300 Peavey Road, Chaska, MN 55318, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Prototron Circuits, Inc. (CAGE Code: 66108)

Location: 3760 East 43rd Place, Tucson, AZ 85713, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Sanmina-SCI (San Jose) (CAGE Code: 3DR67)

Location: 2050 Bering Drive, San Jose, CA 95131, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Sierra Circuits, Inc. (CAGE Code: 0ZHS4)

Location: 1108 West Evelyn Avenue, Sunnyvale, CA 94086, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Summit Interconnect Toronto (CAGE Code: 38747)

Location: 90 Don Park Road, Markham, L3R 1C4, Ontario, Canada

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: TTM Technologies Toronto, Inc. (CAGE Code: 3AF82)

Location: Toronto Division, 8150 Sheppard Avenue East, Scarborough, Ontario M1B 5K2, Canada

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: TTM Technologies, Inc. (Forest Grove) (CAGE Code: 01KV9)

Location: 1521 Poplar Lane, Forest Grove, OR 97116-2033,

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: TTM Technologies, Inc. (North Jackson) (CAGE Code: 0GN71)

Location: North Jackson Division, P.O. Box 216, 12080 DeBartolo Drive, North Jackson, OH 44451, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: TTM Technologies, Inc. (Santa Ana) (CAGE Code: 1WQ42)

Location: Santa Ana Division, 2630 South Harbor Boulevard, Santa Ana, CA 92704, US

Manufacturer and Supplier Location Information

Manufacturer: TTM Technologies, Inc. (Santa Ana) (CAGE Code: 1WQ42)

Location: Santa Ana Division, 2630 South Harbor Boulevard, Santa Ana, CA 92704, US

Plants:

- 1. Plant: Same Address as Manufacturer

Manufacturer: TTM Technologies, Inc. (Stafford) (CAGE Code: 5L706)

Location: Stafford Division, P.O. Box 145, 4 Old Monson Road, Stafford, CT 06075, US

Plants:

- 1. Plant: Same Address as Manufacturer

Manufacturer: TTM Technologies, Inc. (Sterling) (CAGE Code: 0K703)

Location: Sterling Division, 1200 Severn Way, Sterling, VA 20166-8904, US

Plants:

- 1. Plant: Same Address as Manufacturer

Manufacturer: Unicircuit, Inc. (CAGE Code: 66311)

Location: 8192 Southpark Lane, Littleton, CO 80120, US

Plants:

- 1. Plant: Same Address as Manufacturer

Manufacturer: US Circuit (CAGE Code: 66483)

Location: 2071 Wineridge Place, Escondido, CA 92029,

Plants:

- 1. Plant: Same Address as Manufacturer

Manufacturer: Westak of Oregon (CAGE Code: 65745)

Location: 3941 24th Avenue, Forest Grove, OR 97116, US

Plants:

- 1. Plant: Same Address as Manufacturer