



DEFENSE LOGISTICS AGENCY
LAND AND MARITIME
POST OFFICE BOX 3990
COLUMBUS, OH 43218-3990

April 14, 2011

Mr. David Williams
Gorilla Circuits
1445 Old Oakland Rd
San Jose CA 95112

Dear Mr. Williams:

Re: Notification of Qualification, MIL-PRF-31032; FSC 5998; CAGE Code 3C7D2; VQE-11-022314

Qualification of products is granted as a result of successful qualification testing to Military Performance Specification MIL-PRF-31032, Printed Circuit Board/Printed Wiring Board, and associated specification sheets MIL-PRF-31032/1 and /2. The capabilities qualified for each base material and specification sheet indicated below shall be listed on Qualified Manufacturers List QML-31032. The effective date of this qualification is April 8, 2011.

MANUFACTURER INFORMATION	BASIC PLANT LOCATION	PHONE: (408) 294-9897 FAX: (408) 297-1540 EMAIL: info@gorillacircuits.com CAGE CODE: 3C7D2
Gorilla Circuits 1445 Old Oakland Rd San Jose CA 95112	Same	
CAPABILITIES BY TECHNOLOGY / PRINTED BOARD TYPE: MIL-PRF-31032 /1, /2		
Base Materials	GF (Woven E-Glass, Epoxy Resin)	
Qualification Letters	VQE-11-022314	
Max. Panel Size	18" X 24"	
Number of Layers	18	
Max. Board Thickness	0.180"	
Min. Plated Thru Hole (before plating)	0.010"	
Aspect Ratio (plated through hole)	18:1	
Min. Conductor Width	0.004"	
Min. Conductor Spacing	0.005"	
Hole Preparation	Permanganate Desmear, Plasma Desmear	
Hole Wall Conductive Coating	Electroless Copper	
Copper Plating Method	Periodic Reverse Plate	
Solder Resist	LPI	
Finish System	HASL, ENIG, Electrolytic Nickel/Hard Gold	
Controlled Impedance	Single-Ended, Differential	

Manufacturers are required to inform this Office immediately if a failure occurs during PCI testing, if production of this qualification is discontinued, or prior to issuance of a GIDEP Alert and/or Problem Advisory on their QML products. If you have any questions, please contact Mr. Jonathan Stone, (614) 692-0625 or vqe.js@dla.mil.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
Chief
Sourcing and Qualification Division

Visit us on the web at www.dsccl.dla.mil/offices/sourcing_and_qualification