



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

June 11, 2012

Mr. Mark McNulla
 Aeroflex-Metelics
 9 Hampshire Street
 Lawrence, MA 01840

Dear Mr. McNulla:

Re: Notification of Qualification, MIL-PRF-19500P, FSC-5961; VQ (VQE-12-024496); CAGE Code: 52GC4;
 Control #: 036308

Qualification of your product is granted under the current issue of the specification as a result of successful testing of device type(s) JAN1N5304-1, JAN1N5305-1, JAN1N5308-1, JAN1N5309-1, and JAN1N7051-1 through JAN1N7054-1 to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /463, Revision H. Extension is granted to the other devices listed below as allowed by paragraph E.4.2.2 (Qualification by extension). Therefore, your products will be listed as shown below in the Qualified Manufacturers List (QML) 19500. The effective date of this qualification is June 11, 2012. The beginning lot date code is A1134.

The qualification lot Thermal Impedance conditions and upper limits are as follows (subject to change after 5 lots):

Package	I _M	I _H	t _H	t _{MD}	Z _{ΘJX} (Screening)	Z _{ΘJX} (QCI)
DO-7; UR-1	10 mA	1 A	10 ms	70 μs	16°C/W max	19°C/W max

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
**1N5283-1; UR-1 through **1N5314-1; UR-1 **1N7048-1; UR-1 through **1N7055-1; UR-1	NS	CHRC	19500-3530-12	/463	Same as above

Plant (2): Aeroflex-Metelics East
 55 Grenier Field Road
 Londonderry, NH 03053
 (wafer fabrication)

**Includes JAN, JANTX, JANTXV quality levels

This qualification approval is based upon test report number 19500-3530-12 for your die and package and your letter dated March 23, 2012. This approval is subject to the conditions stated in SD-6 and DOD 4120.24M.

Because we are held responsible for the accuracy and currency of this Qualified Manufacturers List, please let us know if your company discontinues production of these products. Also, manufacturers are required to inform this office immediately after learning of a potential issuance of a GIDEP alert, problem advisory, or other problem notification on their QML product. If you have any questions about this letter, contact Mr. Deslich at 614-692-0593.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
 Chief
 Sourcing and Qualifications Division