



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

March 13, 2013

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-13-025994); CAGE Code: 52GC4;
 Control Number: 038812

Qualification of your products is granted under the current issue of the specification as a result of successful testing of device type JANTX1N6326 as allowed by paragraph E.4.1. (Qualification inspection) of Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specifications /533, Rev J. 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 beginning lot date code for this qualification is A1216. The effective date of this qualification is March 13, 2013.

Thermal Conditions (subject to change after 5 lots with approval from the qualifying activity)						
Package	I _M	I _H	t _H	t _{MD}	Z _{ΘJX} (Screening)	Z _{ΘJX} (QCI)
Similar to DO-35	10 mA	2A	10 msec	70 μs	14.5°C/W max	17.0°C/W max

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
** 1N6321, C,D,US,CUS,DUS Through ** 1N6349, C,D,US,CUS,DUS	3B	CHRC	19500-3806-13	/533	Same as above

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

** Includes JAN, JANTX, & JANTXV quality levels only

This qualification approval is based upon test report numbers 19500-3806-13 for your die and your package, and your letter dated February 28, 2013. 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 on this letter, contact Mr. Barone at 614-692-0510.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
 Chief
 Sourcing and Qualifications Division