



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

September 24, 2014

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

Dear Mr. McNulla:

Re: Notification of Qualification Extension, MIL-PRF-19500P, Amend 1, FSC 5961; VQ (VQE-14-028629), CAGE Code: 52GC4 Control Number: 044248

Qualification by extension of your product is granted under the current issue of the specification as a result of successful qualification testing of device type JANS1N6340 as allowed by paragraph E.4.2.2 of Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /533K. Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. The effective date of this qualification is September 24, 2014. The starting lot date code is A1216.

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)
DO-35/US	10 mA	2 A	10 msec	70 μs	14.5°C/W max	15.0°C/W max

Government Designation	Lead Finish	ESD Class 6/	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
S 1N6321-1N6349; C; D; US; CUS; DUS	A	3B	CHRC	19500-3857-13	/533	Same as above

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

6/ Testing is compliant to MIL-STD-750 Test Method 1020.3
 S Includes JANS quality level only

This qualification approval is based upon test report numbers 19500-3857-13 for your JANS data, 19500-3806-13 for your die and package, your updated letter dated April 19, 2013, and subsequent emails and data. This qualification is subject to the conditions as stated in the 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, please contact Mr. DelloStritto at 614-692-0616.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
 Chief
 Sourcing and Qualifications Division