



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

January 20, 2015

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

Dear Mr. McNulla:

Re: Amended Notification of Qualification Extension, MIL-PRF-19500P, FSC 5961; VQ (VQE-15-029101) CAGE Code: 52GC4 Control Number: 045282

This letter amends letter VQ(VQE-14-028424) to correct the test report reference.

Qualification by extension of your product is granted under the current issue of the specification as a result of successful Group A testing of device type JANS2N2484UB as allowed by paragraph E.4.2.2 of Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /376K. Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. The effective date of this qualification is August 8, 2014. The starting lot date code is D1426.

Thermal Conditions (subject to change after 5 lots with approval from the qualifying activity)							
Package	I <sub>M</sub>	V <sub>CB</sub>	I <sub>E</sub>	t <sub>H</sub>	t <sub>MD</sub>	Z <sub>ΘJX</sub> (Screening)	Z <sub>ΘJX</sub> (QCI)
TO-18/UB	5.0 mA	10.0 V	0.05 A	25 msec	70 μs	90.0°C/W max	100.0°C/W max

Government Designation	Lead Finish	ESD Class 6/	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
§ 2N2484; UA; UB	C	3A	CHRC	19500-3667-12	/376	Same as above

Plant 4: Texas Instruments Inc.  
 6412 U.S. Highway 75 South  
 Sherman, TX 75090  
 (Wafer Fabrication)

§ Includes JANS quality level only

6/ Testing is compliant to MIL-STD-750 Test Method 1020.3

This qualification approval is based upon test report number 19500-3667-12 for your die and package, your Group A testing, and your letter dated February 28, 2013 requesting qualification, and is subject to the conditions as stated in the SD-6 and DOD 4120.24M. Test report number 19500-4269-14 was assigned to your Group A data, but will not be reflected in QML-19500.

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. Deslich at 614-692-0593.

Sincerely,

for JOSEPH GEMPERLINE  
 Chief  
 Sourcing and Qualifications Division