



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

December 5, 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-13-025484)
 CAGE Code: 52GC4; Control Number: 037862

Qualification of your product is granted under the current issue of the specification as a result of successful testing of device type JANTXV2N2329A as allowed by paragraph E.4.1 of Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /276, rev H, Amendment 1. 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 B1029. The effective date of this qualification is November 28, 2012.

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)
TO-39/TO-5	25 mA	2.0 A	10 ms	70 μs	5.14 °C/W max	5.74°C/W max

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
** 2N2323, A, S, AS	3A	CHRC	19500-3706-13	/276	Same as above
** 2N2324, A, S, AS					
** 2N2326, A, S, AS					
** 2N2328, A, S, AS					
** 2N2329, A, S, AS					

Plant 3: Bourns Ltd
 Manton Lane, MK41BJ
 Bedford, United Kingdom
 (Wafer Fabrication)

** Includes JAN, JANTX & JANTXV quality levels only

This qualification approval is based upon test report number 19500-3706-13 for your die and package, your letter dated October 1, 2012 requesting qualification, and your email dated November 21, 2012. This approval 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