



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

October 11, 2016

Mr. Matt Johnson
 MACOM Technical Solutions Inc.
 9 Hampshire Street
 Lawrence, MA 01840

Dear Mr. Johnson:

Re: Amended Notification of Qualification MIL-PRF-19500P, FSC 5961; VQ (VQE-17-030814)
 CAGE Code: 52GC4, Control Number: 052417

Per your letter dated 8/29/16, this letter amends letter VQ-14-027384 dated December 16, 2013 to add part number prefixes C-1, CUR-1 D-1, DUR-1 and lead finish designator to table below. These parts were not originally requested due to an oversight. These parts will be added and reflected in the latest QML.

Qualification of your product is granted under the current issue of the specification as a result of successful qualification testing of device type JANTXVIN3821A-1 to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /115 Rev N. Extension is also granted to other devices listed below as allowed by E 4.2.2 (Qualification by extension). Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. The effective date of this qualification is December 16, 2013. The starting lot date code is A1246.

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	1 A	10 msec	70 μs	9.0°C/W max	12.0°C/W max

Government Designation	Lead Finish	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
** 1N3821A-1 through 1N3828A-1; AUR-1; C-1; CUR-1; D-1; and DUR-1	A	NS	CHRC	19500-4016-13	/115	Same as above

Plant 2: MACOM Technical Solutions Inc.
 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 19500-4016-13 for your die and package, your letter dated September 11, 2013 requesting qualification 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,

for ALAN J. WILL
 Chief
 Sourcing and Qualifications Division

