



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

July 29, 2015

Ms. Beth Parker
 Director of Quality Assurance
 Microsemi Corporation/Lawrence Division
 6 Lake Street
 Lawrence, MA 01841

Dear Ms. Parker:

Re: Notification of Qualification Approval, MIL-PRF-19500P, FSC 5961, VQ (VQE-15-029675), CAGE Code: 43611, Control Number: 047183

Qualification of your product is granted under the current issue of the specification as a result of successful qualification testing of device type JANTXV2N6990 to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /559, Revision K. This is an initial qualification of the Microsemi semiconductor assembly facility in Laguna, Philippines for these products. Qualification by extension as allowed by paragraph E.4.2.2 of MIL-PRF-19500P is granted to the other devices listed herein. Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. The effective date of this qualification is July 29, 2015. The starting lot date code is M1506.

Qualified thermal impedance conditions and limits remain as approved in the initial qualification listings for each device.

Government Designation	Lead Finish	ESD Class 6/	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
**2N6989	C	3B	CDWR	19500-4522-15	/559	Same as above
**2N6989U	C	3B			/559	
**2N6990	C	3B			/559	

Assembly (17): Microsemi Philippines
 Laguna (MSPL)
 (Date Code Prefix: M)
 Wafer fab: AMSG Garden Grove, CA

** Includes JAN, JANTX, and JANTXV quality levels

6/ Testing is compliant to the latest revision of MIL-STD-750 Test Method 1020.3

This qualification approval is based upon test report number 19500-4522-15 for your assembly, test report and your letter dated June 16, 2015. This qualification is subject to the conditions as 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,

JOSEPH GEMPERLINE
 Chief
 Sourcing and Qualifications Division