



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

January 19, 2016

Ms. Beth Parker  
 Microsemi Lawrence  
 6 Lake Street  
 Lawrence, MA 01841-3011

Dear Ms. Parker:

Re: Notification of Re-Qualification, MIL-PRF-19500P, FSC 5961, VQ (VQE-16-030055), CAGE Code 43611, CN#049236.

Re-Qualification of your product is granted under the current issue of the specification as a result of successful Groups A, C6, and E6 qualification testing of device type JANTX1N992B-1 to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /117R, with amendment 2. This requalification was performed to qualify a change in wafer processing. Extension is granted to the other devices and to plant (18) listed below as allowed by paragraph E.4.2.2 (Qualification by Extension). Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. This qualification is effective as of January 19, 2016. The starting lot date code is 1443.

The qualification lot thermal impedance conditions and upper limits remain as originally approved.

Government Designation	Lead Finish	ESD Class	Manufacturer Designation	Test Report Reference	Perform. Spec.	Manufacturer Name & Address
**1N986B-1; UR-1 through **1N992B-1; UR-1	A	NS	CDWR	19500-1761-06	/117	Microsemi Lawrence (1)
**1N986B-1; UR-1 through **1N992B-1; UR-1	A	NS	CDWR	19500-4216-14	/117	Microsemi Lawrence (18)
** Includes JAN, JANTX, and JANTXV quality levels <u>6/</u> Testing is compliant to the latest revision of MIL-STD-750 Test Method 1020.3						Assembly (1): Microsemi Lawrence 6 Lake Street Lawrence, MA 01841-3011 Assembly (18): Microsemi Philippines Laguna (MSPL) 3/F & 4/F Fastech Electronique Bldg. LISP1 Ampere road cor West Road Cabuyao, Laguna, Philippines

This qualification approval is based upon test report number 19500-4616-16 assigned to your test data and your letter dated December 16, 2015 requesting requalification, but will not be reflected in QML 19500. 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. Brad Deslich at 614-692-0593.

Sincerely,

ALAN J. WILL  
 Acting Chief  
 Sourcing and Qualifications Division