



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

November 23, 2011

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

Dear Ms. Parker:

Re: Notification of Requalification, MIL-PRF-19500P, FSC 5961; VQ (VQE-12-023556)
 CAGE Code: 43611; Control Number: 034653

Requalification of your product is granted under the current issue of the specification as a result of successful qualification testing of device type JAN1N5711UR-1 to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /444L. The testing you performed met the specifications required for package material/dimension changes of a qualified product. Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. This qualification supersedes the previous Microsemi Lawrence listing and is effective of November 23, 2011. The starting lot date code is 1109.

The qualification lot Thermal Impedance conditions and upper limits are as follows (subject to change after 5 lots):

Package	I _M	I _H	t _H	t _{MD}	Z _{θJX} (Screening)	Z _{θJX} (QCI)
DO-213AA	1 mA	200 mA	10 ms	70 μs	23.22 °C/W max	27.5 °C/W max

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
** 1N5711UR-1	0	CDWR	19500-1422-05	/444	Same as above
** 1N5712UR-1					
** 1N6857UR-1					
** 1N6858UR-1					

** Includes JAN, JANTX & JANTXV quality levels only

Plant 1: Same as above

This qualification approval is based upon test report number 19500-1422-05 for your die, 19500-3384-11 for your package, your e-mail dated October 10, 2011 requesting requalification and 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. Nash at 614-692-8290.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
 Chief
 Sourcing and Qualifications Division