



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

June 29, 2011

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

Dear Ms. Parker:

Re: Notification of Qualification, MIL-PRF-19500N, FSC 5961; VQ (VQE-11-022624)
 CAGE Code: 43611

Qualification of your product is granted under the current issue of the specification as a result of successful qualification testing of device type JAN1N4980 and JAN1N4996 of Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /356K. 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 Qualified Manufacturers List (QML) 19500. The effective date of this qualification is June 2, 2011. The starting lot date code is K1018.

The qualification lot Thermal Impedance conditions and upper limits are as follows (subject to change after 5 lots with the approval of the qualifying activity):

Package	I _M	I _H	t _H	t _{MD}	Z _{θJX} (Screening)	Z _{θJX} (QCI)
DO-35	10 mA	20 A	10 ms	70 μs	1.57 °C/W max	1.60 °C/W max

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
** 1N4980 – 1N4996; C; D; US; CUS; DUS	NS	CDWR	19500-3260-11	/356	Same as above

** Includes JAN, JANTX & JANTXV quality levels only Plant 1: Same as above

This qualification approval is based upon test report number 19500-3260-11 for your letter dated March 11, 2011 requesting qualification 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. Barone at 614-692-0510.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
 Chief
 Sourcing and Qualifications Division