



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

December 02, 2011

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

Dear Ms. Parker:

Re: Notification of Qualification, MIL-PRF-19500P, FSC 5961; VQ (VQE-12-023602)  
 CAGE Code: 43611 Control Number 034721

Qualification of your product is granted under the current issue of the specification as a result of successful qualification testing of device types JAN1N6170A, JAN1N6173A and JAN1N6103A to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /516E. 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 December 02, 2011. The starting lot date code is K1111. There are no thermal impedance conditions.

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
** 1N6103, A,US,AUS 3/ ** 1N6157 through 1N6173,A,US,AUS 3/	NS	CDWR	19500-3267-11	/516	Same as above

\*\* Includes JAN, JANTX & JANTXV quality levels  
 3/ Traceable die bank being utilized.

Plant 15: Microsemi Scottsdale  
 8700 East Thomas Road  
 Scottsdale, AZ  
 (Wafer Fabrication)

This qualification approval is based upon test report number 19500-3267-11 and 19500-3350-11 for your die and package, your letter dated August 18, 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