



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

April 9, 2012

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-12-04215)  
 CAGE Code: 43611, Control Number 036024

Qualification of your product is granted under the current issue of the specification as a result of successful qualification testing of device types JAN1N6119A and JAN1N6107A 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 April 2, 2012. The starting lot date code is R1115. There are no thermal impedance conditions.

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
** 1N6107 through ** 1N6119; A; US; AUS ** 1N6143 through ** 1N6154; A; US; AUS	NS	CDWR	19500-3469-12	/516	Same as above

Plant 11 Microsemi AMMSG  
 11861 Western Avenue  
 Garden Grove, Ca 92641  
 (Wafer Fabrication)

\*\* Includes JAN, JANTX & JANTXV quality levels

This qualification approval is based upon test report numbers: 19500-3469-12 for your die and package for 500W devices and 19500-3407-12 for 1500W devices, your letter dated January 24, 2012, and subsequent emails and data. This approval 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. DelloStritto at 614-692-0616.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE  
 Chief  
 Sourcing and Qualifications Division

