



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

October 15, 2013

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

Dear Ms. Parker:

Re: Notification of Qualification Extension, MIL-PRF-19500P, FSC 5961; VQ (VQE-14-027154);  
 CAGE Code: 43611; Control Number 040658

Qualification by extension of your product is granted under the current issue of the specification as a result of successful testing of device types JANS1N6138A as allowed by paragraph E 4.2.2 of Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /516, Revision F. 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 the Qualified Manufacturers List (QML) 19500. The effective date of this qualification is October 15, 2013. The beginning lot date code is R1251.

Government Designation	ESD Class 6/	Manufacturer Designation	Test Report References	Prf Spec	Manufacturer Name & Address
§ 1N6138; A; US; AUS through § 1N6142; A; US; AUS	NS	CDWR	19500-3598-12	/516F	Same as above

6/ Testing is compliant to the latest revision of MIL-STD-750 Test Method 1020.3  
 § Includes JANS quality level only

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

This qualification approval is based upon test report number 19500-3598-12 for your die and package, 19500-4000-13 for your JANS data, your letter dated August 21 2013 and subsequent emails. Test report 19500-4000-13 was assigned to your JANS data, but will not be reflected in QML-19500. 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. Deslich at 614-692-0593.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE  
 Chief  
 Sourcing and Qualifications Division