



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

July 27, 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-12-024827),
 CAGE Code: 43611, Control Number 036751

Qualification of your product is granted under the current issue of the specification as a result of successful qualification testing of device types JAN1N6138A to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /516F. 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 July 27, 2012. The starting lot date code is R1116. There are no thermal impedance conditions.

| Government Designation | ESD Class | Manufacturer Designation | Test Report Reference | Prf Spec | Manufacturer Name & Address |
|--|-----------|--------------------------|-----------------------|----------|---|
| ** 1N6138 through ** 1N6142; A; US; AUS | NS | CDWR | 19500-3598-12 | /516 | Same as above |
| | | | | | Plant 11: Microsemi AMSG 11861 Western Avenue Garden Grove, Ca 92641 (Wafer Fabrication) |
| ** Includes JAN, JANTX & JANTXV quality levels | | | | | |

This qualification approval is based upon test report number 19500-3598-12 for your die and package, and your letter dated June 7, 2012. 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