



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

December 22, 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-12-023706)
 CAGE Code: 43611; Control Number: 035170

Qualification of your product is granted under the current issue of the specification as a result of successful qualification testing of device types JAN1N6663 and JANS1N6663 to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specifications /587C. Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. The effective date of this qualification is December 22, 2011. The starting lot date code is R1103.

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):

I_M	I_H	t_H	t_{MD}	$Z_{\theta JX}$ (Screening)	$Z_{\theta JX}$ (QCI)
10 mA	5 A	10 ms	70 μ s	7.75 °C/W max	9.00 °C/W max

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
1N6663, US § 1N6663, US	NS	CDWR	19500-3370-11	/587	Same as above

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

§ Includes JANS quality level only

This qualification approval is based upon test report number 19500-3370-11 for your die and package, your letter dated August 25, 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. Deslich at 614-692-0593.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
 Chief
 Sourcing and Qualifications Division