



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

September 05, 2013

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

Dear Ms. Parker:

Re: Notification of Qualification Approval, MIL-PRF-19500P, FSC 5961, VQ (VQE-13-026980),
 CAGE Code: 43611, Control Number: 040482

Qualification of your product is granted under the current issue of the specification as a result of successful qualification testing of device type(s) JANTXV1N6773 to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /645, Revision C. Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. The effective date of this qualification is September 5, 2013. The starting lot date code is R1216.

The qualification lot thermal impedance conditions and screening and QCI limits are as follows (subject to change after 5 lots with approval of qualifying activity):

$I_m=20$ mA, $I_h=8$ A, $t_H=10$ msec, $t_{MD}=190\mu$ sec, $Z_{\theta JX}=1.14^\circ$ C/W max, QCI limit= 1.2° C/W max

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
** 1N6772, 1N6772R	NS	CDWR	19500-3979-13	/645	Same as above
** 1N6773, 1N6773R					

Plant (11): Microsemi AMSG
 11861 Western Avenue
 Garden Grove, CA 92641
 (wafer fab)

** Includes JAN, JANTX, JANTXV quality levels

This qualification approval is based upon test report number 19500-3979-13 for the qualification test data provided with your request letter dated August 9, 2013. This qualification is subject to the conditions as stated in 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 on this letter, contact Mr. Alan Barone at 614-692-0510.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
 Chief
 Sourcing and Qualifications Division