



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

August 06, 2014

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-14-028349),
 CAGE Code: 43611, Control Number: 043335

Qualification of your product is granted under the current issue of the specification as a result of successful qualification testing of device type JANTXV2N6898 to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /565, Revision E. Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. The effective date of this qualification is July 24 2014. The starting lot date code is R1351.

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):

$I_m=10$ mA, $I_h=4$ A, $t_H=20$ msec, $t_{MD}=70\mu$ sec, $Z_{\Theta JX}=57.90$ mV max, QCI limit= 60.0 mV max

Government Designation	ESD Class 6/	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
** 2N6898	3B	CDWR	19500-4226-14	/565E	Same as above

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

** Includes JAN, JANTX and JANTVX quality levels
 6/ Testing is compliant to the latest revision of MIL-STD-750 Test Method 1020.3

This qualification approval is based upon test report number 19500-4226-14 for your die and package, your letter dated June 20, 2014, and your subsequent emails. 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. Barone at 614-692-0510.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
 Chief
 Sourcing and Qualifications Division