



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

March 20, 2014

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

Dear Ms. Parker:

Re: Notification of Re-Qualification, MIL-PRF-19500P, FSC 5961; VQ (VQE-14-027781), CAGE Code 43611, Control # 042157

Re-Qualification of your product is granted under the current issue of the specification as a result of successful qualification testing of device type(s) JANTXV2N3792 and JANTX2N1486 to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification(s) /379 and /207. Groups A, C6, and E6 testing was performed to qualify and enhanced diffusion process to improve uniformity and yields. 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. This qualification is effective as of March 20, 2014. The starting lot date code is 1243.

Government Designation	ESD Class <u>6</u> /	Manufacturer Designation	Test Report Reference	Perform Spec.	Manufacturer Name & Address
** 2N3791, 2N3792	NS	CDWR	19500-2728-10	/379	Same as above
** 2N7369			19500-2728-10	/621	
** 2N5683, 2N5684			19500-424-90	/466	
** 2N6287			19500-547-91	/505	
** 2N6051, 2N6052			19500-547-91	/501	
** 2N6648 through 2N6650			19500-074-95	/527	
* 2N1483 through 2N1486			19500-638-87	/180	
2N1479 through 2N1482			19500-638-87	/207	
** 2N3771, 2N3772			19500-1861-07	/413	
** 2N3442			19500-680-90	/370	
** 2N5685			19500-1861-07	/561	
** 2N3441			19500-638-87	/369	
** 2N5303			19500-1861-07	/456	

6/ Testing is compliant to the latest revision of MIL-STD-750 Test Method 1020.3

*Includes JAN and JANTX quality levels

Plant 1: Same as above

** Includes JAN, JANTX & JANTXV quality levels

This qualification approval is based upon your Groups A, C6, and E6 data submitted under your letter dated February 19, 2014 requesting requalification. Test report 19500-4132-14 has been assigned to your data but will not be reflected in the QML. This qualification 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