



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

June 26, 2012

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

Dear Ms. Parker:

Re: Notification of Design and Construction Change, MIL-PRF-19500P, FSC 5961; VQE-12-024657  
 CAGE Code: 43611 Control Number 036626

A review of the test data submitted under cover letter dated March 8, 2012 regarding the JAN1N6638 and JANS1N6638 device types indicates that the design change affecting back metal to improve performance is acceptable. This change and testing conforms to the requirements of performance specification MIL-PRF-19500P and performance specification sheet MIL-PRF-19500/578. This approval is extended to include quality levels JAN, TX, TXV and JANS for the other devices listed below. Therefore, your products will be listed as shown below in Qualified Manufacturer List (QML) 19500. The first lot using the new process is lot date code 1143. This approval is effective June 26, 2012

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
** 1N6638; US	3	CDWR	19500-3506-12	/578	Same as above
** 1N6642; US					
** 1N6643; US					
§ 1N6638; US					
§ 1N6642; US					
§ 1N6643; US					
** 1N6639; US				/609	
** 1N6640; US					
** 1N6641; US					
§ 1N6639; US					
§ 1N6640; US					
§ 1N6641; US					
** Includes JAN, JANTX & JANTXV quality levels					
§ Includes JANS quality level					Plant 1: Same as above

Test report number 19500-3506-12 has been assigned to your test report but will not be referenced on the QML. This qualification is subject to conditions as stated in the SD-6 and DOD 4120.24M. This letter was revised to correct the part number suffix on several device types.

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. Barone at 614-692-0510.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE  
 Chief  
 Sourcing and Qualifications Division