



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

December 4, 2012

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

Dear Ms. Parker:

Re: Notification of Re-Qualification, MIL-PRF-19500P, FSC-5961; VQ (VQE-13-025489); CAGE Code: 43611; Control #: 037803

Re-Qualification by of your product is granted under the current issue of the specification as a result of successful testing of device type JANS2N2222AUBC to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification sheet /255, Rev X. This requalification was necessitated due to a change in the ceramic lid design for better yield and reliability. 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 the Qualified Manufacturers List (QML) 19500. The beginning lot date code for this qualification is R1225A. The effective date of this qualification is November 30, 2012.

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
§ 2N2221AUBC; 2N2222AUBC §H 2N2221AUBC; 2N2222AUBC	3B	CDWR	19500-3715-13	/255	Same as above
					Plant 11: Microsemi AMSG 11861 Western Avenue Garden Grove, CA 92641 (wafer fabrication)
§ 2N4261UBC <u>3/</u>	1C			/511	Plant 16: Microsemi Costa Mesa 333 McCormick Ave Costa Mesa, CA 92626 (wafer fabrication)
§ 2N2906AUBC; 2N2907AUBC §R 2N2906AUBC; 2N2907AUBC	3B			/291	
§ 2N2369AUBC; §R 2N2369AUBC	2			/317	
§ 2N2484UBC	1C			/376	
** 1N4148UBCA;UBCC;UBCCC and UBCCD	3B			/116	
<u>3/</u> Traceable die bank being utilized					Plant 1: Same as above
** Includes JAN, JANTX, & JANTXV quality levels only					
§ Includes JANS quality level only					

This qualification approval is based upon test report number 19500-3715-13 for the redesigned ceramic package (UBC) test data, your letter dated November 5, 2012, and email dated November 29, 2012. This approval is subject to the conditions 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. DelloStritto at 614-692-0616.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE  
Chief  
Sourcing and Qualifications Division