



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

April 18, 2011

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

Dear Ms. Parker:

Re: Notification of Qualification Extension, MIL-PRF-19500N, FSC 5961; VQ (VQE-11-022373)
 CAGE Code: 43611

Qualification by extension of your product is granted under the current issue of the specification as a result of successful qualification testing of device type JANS2N5794UC as allowed by paragraph E.4.2.2 of Performance Specification MIL-PRF-19500N, Semiconductor Devices, FSC 5961, and performance specification /495G. Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. The effective date of this qualification is April 18, 2011. The starting lot date code is R0932.

The qualification lot Thermal Impedance conditions and upper limits are as follows (subject to change after 5 lots):

Package	I _M	I _H	t _H	t _{MD}	Z _{θJX} (Screening)	Z _{θJX} (QCI)
UC	5 mA	0.2 A	25 ms	60 μs	45.50 °C/W max	48 °C/W max

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
§ 2N5794; A; U; UA; UC; UCA § 2N5793; A	3B	CDWR	19500-1722-06	/495	Same as above
					Plant 11: Microsemi AMMSG 11861 Western Avenue Garden Grove, CA (Wafer Fabrication)
§ Includes JANS quality level only					

This qualification approval is based upon test report number 19500-3224-11 for your data, 19500-1722-06 for your die, and your letter dated March 10, 2011 requesting qualification and 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. Nash at 614-692-8290.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
 Chief
 Sourcing and Qualifications Division