



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

June 24, 2011

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

Dear Ms. Parker:

Re: Notification of Qualification, MIL-PRF-19500P, FSC 5961; VQ (VQE-11-022754),
 CAGE Code: 43611

Qualification of your product is granted under the current issue of the specification as a result of successful qualification testing of device type JANSF2N3700 to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /391M with Amendment 1. This is a re-qualification due to design change. Qualification is granted to the other devices listed below as allowed by paragraph E.4.2.2 of MIL-PRF-19500 (Qualification by Extension). Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. The effective date of this qualification is June 24, 2011. The starting lot date code is 1013.

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)
TO-18	10 mA	100 mA	25 ms	60 μs	36.59 °C/W max	40.0 °C/W max

Note: The thermal limits above apply to the stated package type.

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
§ F2N3700; UB § F2N3057A ** 2N3700; UB ** 2N3057A JANKCBF2N3700 JANHCB2N3700	NS	CDWR	19500-3279-11	/391	Same as above

Plant (1): Same as above

§ Includes JANS quality level only

** Includes JAN, JANTX, and JANTXV quality levels

This qualification approval is based upon test report number 19500-3279-11 and your letter dated May 12, 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. Deslich at 614-692-0593.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
Chief
Sourcing and Qualifications Division