



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

November 9, 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-12-023496); Ctrl # 03490  
 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 JANTXV2N7335 as allowed by paragraph E.4.2.2 of Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /599D. 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. The effective date of this qualification is November 8, 2011. The starting lot date code is R1038.

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

Package	I <sub>M</sub>	I <sub>H</sub>	t <sub>H</sub>	t <sub>MD</sub>	ΔVsd(Screening)	ΔVsd(QCI)
M0-036AB	10 mA	150mA	100 ms	60 μs	43mV	45mV

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
** 2N7335	1A	CDWR	19500-3369-11	/599	Same as above

Plant 11: Microsemi AMSG  
 11861 Western Ave.  
 Garden Grove, CA 92641  
 (wafer fab)

\*\* Includes JAN, JANTX & JANTXV quality levels only

This qualification approval is based upon test report number 19500-3369-11 for your die and package, your letter dated August 18, 2011, and email dated Oct 19, 2011 requesting 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. DelloStritto at 614-692-0616.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE  
 Chief  
 Sourcing and Qualifications Division