



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

April 24, 2015

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

Dear Ms. Parker:

Re: Notification of Qualification Extension, MIL-PRF-19500P, Amend 1, FSC 5961; VQ (VQE-14-027920) CAGE Code: 43611; Control Number: 042681

This letter amends the letter dated January 6, 2014 to add 1N6622US as listed below.

Qualification by extension of your product is granted under the current issue of the specification as a result of successful testing of device type JAN1N6622 as allowed by paragraph E.4.1 of Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /585, revision J. 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 1323. The effective date of this qualification is January 06, 2014.

Package	I <sub>M</sub>	I <sub>H</sub>	t <sub>H</sub>	t <sub>MD</sub>	Z <sub>ΘJX</sub> (Screening)	Z <sub>ΘJX</sub> (QCI)
Similar to DO-41	10 mA	10 A	10 ms	70 μs	3.30 °C/W max	3.95 °C/W max
Government Designation		ESD Class /6	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
** 1N6622, US		3B	CDWR	19500-3658-12	/585	Same as above

6/ Testing is compliant to the latest revision of MIL-STD-750, Test Method 1020.3

Plant 1: Same as above

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

This qualification approval is based upon test report number 19500-3658-12 for your die and package, and your letter dated November 21, 2013 requesting qualification. Test report number 19500-4071-14 has been assigned to your JANTXV group A and B data and will not be reflected in the latest QML listing. 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, please contact Mr. Barone at 614-692-0510.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE  
 Chief

Sourcing and Qualifications Division