



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

September 10, 2015

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

Dear Ms. Parker:

Re: Notification of Re-Qualification, MIL-PRF-19500P, FSC 5961, VQ (VQE-15-029772),
 CAGE Code: 43611, Control Number 047946

Re-qualification of your product is granted under the current issue of the specification as a result of successful qualification testing of device type JANTX2N1724 to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /262H. This re-qualification was performed to replace the existing die source. Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. The effective date of this qualification is September 10, 2015. The starting lot date code is 1518.

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-61	10 mA	5 A	10 ms	70 μs	0.77 °C/W max	0.80 °C/W max

Government Designation	Lead Finish	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
* 2N1724	A	3A	CDWR	19500-4562-15	/262	Same as above

* Includes JAN & JANTX quality levels

Plant 1: Same as above

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

This qualification approval is based upon test report number: 19500-4562-15, your letter dated August 26, 2015, and subsequent emails and data. This approval 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,

JOSEPH GEMPERLINE
 Chief
 Sourcing and Qualifications Division