



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

August 1, 2014

Ms. Kelley Price
 International Rectifier Corporation
 205 Crawford St.
 Leominster, MA 01453

Dear Ms. Price:

Re: Notification of Qualification Extension, MIL-PRF-19500P, FSC-5961, VQ (VQE-14-028375): CAGE Code: 69210; Control Number: 043555.

Qualification by extension of your product is granted under the current issue of the specification as a result of successful testing of device type JANTXV1N6844U3 and as allowed by paragraph E 4.2.2 of Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /679, Revision E. Extension is granted to the other device quality level 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 effective date of this qualification is July 29, 2014. The beginning lot date code is 1422.

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

Package	I _M	I _r	Pt	Dt	(screening) ΔVF	(QCI) ΔVF
U3	10 mA	40 A	25 ms	50 μs	125 mv	15% shift

Government Designation	Lead Finish	ESD Class	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
++1N6844U3	C	NS	CCBS	19500-1253-05	/679	Same as above

Plant 7: Vishay Italy
 Via Liguria 49,
 10071 Borgaro (TO)
 Turin, Italy
 (wafer fabrication)

++ Includes JANTX and JANTXV quality levels only

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 19500-1253-05 for your die and package and your letter dated July 8, 2014. Test report number 19500-4257-14 has been assigned to your qualification test 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 about this letter, contact Mr. Zade Karadsheh at 614-692-0611.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
 Chief
 Sourcing and Qualifications Division