



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

March 17, 2016

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

Dear Ms. Price:

Re: Notification of Re-Qualification, MIL-PRF-19500P, Amend 2, FSC 5961, VQ (VQE-16-030190),
 CAGE Code 69210, Control Number: 049707

Qualification of your product is granted under the current issue of the specification as a result of successful Groups A, B, C and E testing of device type JANS1N7078U3 to Performance Specification MIL-PRF-19500P, Amend 2, Semiconductor Devices, FSC 5961, and performance specification /765B. This re-qualification was performed as part of a wafer fabrication process improvement. This test report will supersede previous test report 19500-3705-13. Therefore, your products will be listed as shown below in the Qualified Manufacturers List (QML) 19500. The effective date of this qualification is March 17, 2016. The beginning lot date code is 1528.

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

Package	Pt	I _m	I _f	Dt	(Screening max) Z _{thJC}	(QCI max) Z _{thJC}
TO-276AA	50ms	10 mA	40.0 A	50µs	1.52 °C/W	15% shift

Government Designation	Lead Finish	ESD Class 6/	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
§ 1N7078U3 **1N7078U3	A	NS	CCBS	19500-4644-16	/765	Same as above

§ Includes JANS quality level only

**Includes JAN, JANTX, JANTXV quality levels

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

Plant (7): Vishay Semiconductor
 Via Liguria, 49-10071
 Borgaro, Torino-Italy
 (Wafer Fabrication)

This qualification approval is based upon test report numbers 19500-4644-16 for your die, for your package and your letter and Groups A, B, C and E testing submitted January 28, 2016 and subsequent emails. 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. Brad Deslich 614-692-0593.

Sincerely,

ALAN J WILL
 Acting Chief
 Sourcing and Qualifications Division