



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

November 13, 2013

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-14-027212): CAGE Code: 69210; Control Number: 040911

Qualification by extension of your product is granted under the current issue of the specification as a result of successful testing of device type JANS2N7464U5 as allowed by paragraph E 4.2.2 of Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /675, Revision E. 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 effective date of this qualification is October 24, 2013. The beginning lot date code is 1333.

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}	(screening)Vsd	(QCI) Vsd
U5	10 mA	1.3 A	10 ms	30 μs	45 mv	15% shift

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
S 2N7464U5	1C	CCBS	19500-518-03	/675	Same as above

Plant 2: International Rectifier
 330 Kansas St.
 El Segundo, CA 90245
 (wafer fabrication)

S Includes JANS quality level only

This qualification approval is based upon test report numbers 19500-518-03 and 19500-2089-08 for your die and package and your letter dated October 2, 2013. Test report number 19500-4026-14 has been assigned to your JANS group A 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. Alan Barone at 614-692-0510.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
 Chief
 Sourcing and Qualifications Division