



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

July 13, 2015

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

Dear Ms. Price:

Re: Notification of Qualification Extension , MIL-PRF-19500P, Amend 2, FSC-5961, VQ (VQE-15-029596), CAGE Code: 69210; Control Number: 047182

Qualification by extension of your product is granted under the current issue of the specification as a result of successful testing of device type JANSR2N7425U as allowed by paragraph E.4.2.2 of Performance Specification MIL-PRF-19500P, Amend 2, Semiconductor Devices, FSC 5961, and performance specification /655, Rev F. Extension is granted 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 June 26, 2015. The beginning lot date code is 1514A.

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

Package	V <sub>h</sub>	I <sub>M</sub>	I <sub>h</sub>	Pt	Dt	(Screening max) ΔVsd	(QCI max) ΔVsd
SMD-2	20V	10 mA	10.01 A	100 ms	30μs	185mv	15% shift

Government Designation	Lead Finish	ESD Class 6/	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
SR 2N7425;U	A	3A	CCBS	19500-4464-15	/655	Same as above

Plant (1): HEXFET America  
 41915 Business Park Dr.  
 Temecula, CA 92590  
 (Wafer Fabrication)

S Includes JANS quality level 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 19500-4464-15 for your die & TO-254 package, your letter dated June 2, 2015 and subsequent emails. Test report 19500-4518-15 has been assigned for this qualification report but will not be reflected in the QML. 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. Carl DelloStritto at 614-692-0616.

Sincerely,

JOSEPH GEMPERLINE  
 Chief  
 Sourcing and Qualifications Division