



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

June 15, 2015

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-15-029520): CAGE Code: 69210; Control Number: 046809.

Re-Qualification of your product is granted under the current issue of the specification as a result of successful testing of device type JANSF2N7422 of Performance Specification MIL-PRF-19500P, Amend 2, Semiconductor Devices, FSC 5961, and performance specification /662, Rev F, Amend 1. This re-qualification was initiated to establish a qualification vehicle for all GEN 4 100V structurally identical die products being transferred to your Temecula, CA facility. 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 1, 2015. The beginning lot date code is 1506.

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) ΔVF	(QCI max) ΔVF
TO-254AA	25V	10 mA	4.0 A	100 ms	30μs	118 mv	15% shift

Government Designation	Lead Finish	ESD Class	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
SF 2N7422	A	2	CCBS	19500-4464-15	/662	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 numbers 19500-4464-15 for your die & package, your letter dated May 1, 2015 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. Carl DelloStritto at 614-692-0616.

Sincerely,

JOSEPH GEMPERLINE  
 Chief  
 Sourcing and Qualifications Division