



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

IN REPLY  
REFER TO

DLA LAND AND MARITIME-VQ (VQE-11-021771/Mr. Deslich/614-692-0593/bpd)

January 12, 2011

SUBJECT: Notification of Qualification, MIL-PRF-19500N, FSC 5961

Mr. Michael Ward  
 Military Program Manager  
 International Rectifier Corporation  
 205 Crawford Street  
 Leominster, MA 01453

Dear Mr. Ward:

Qualification of your product is granted under the current issue of the specification as a result of successful testing of device type JANSR2N7477T1 to Performance Specification MIL-PRF-19500N, Semiconductor Devices, FSC 5961, and performance specification /685E. Therefore, your products will be listed as shown below in the Qualified Manufacturers List (QML) 19500. The effective date of this qualification is January 12, 2011. The beginning lot date code for this qualification is 1036.

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

$V_H$	$I_H$	$t_H$	$t_{MD}$	$I_M$	$\Delta VSD$ (Screening)	$\Delta VSD$ (QCI)
12 V	11.11 A	100 ms	30 $\mu$ s	10 mA	125 mV max	15 % shift

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
§ R2N7477T1	3A	CCBS	19500-3125-11	/685	Same as above

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

§ Includes JANS quality level only

This qualification approval is based upon test report number 19500-3125-11 for your die and package, your letter dated December 10, 2010 requesting qualification and is subject to the conditions as stated in the 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.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE  
 Chief  
 Sourcing and Qualifications Division