



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

IN REPLY
REFER TO

DLA LAND AND MARITIME-VQ (VQE-11-022198/Mr. DelloStritto/614-692-0616)

March 21, 2011

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

Mr. Michael Ward
 International Rectifier Corporation
 205 Crawford St.
 Leominster, MA 01453

Dear Mr. Ward:

Qualification by extension of your product is granted under the current issue of the specification as a result of successful testing of device type JANSF2N7586T1 as allowed by paragraph E.4.2.2 of Performance Specification MIL-PRF-19500N, Semiconductor Devices, FSC 5961, and performance specification /753 Revision A. Therefore, your products will be listed as shown below in the Qualified Manufacturers List (QML) 19500. The effective date of this qualification is March 21, 2011. The beginning wafer lot for this qualification is Q788238C.

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}	ΔVSD (Screening)	ΔVSD (QCI)
TO-254AA	10 mA	11.6 A	100 ms	30 μs	105 mV max	Δ 15% shift max

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
§F 2N7586T1	2	CCBS	19500-3195-11	/753	Same as above

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

§ Includes JANS quality level only

This qualification approval is based upon test report numbers 19500-2672-09 for your die and package, 19500-3195-11 for your group D test data for "F" radiation level, and your letter dated February 22, 2011 requesting qualification extension, is subject to the conditions as 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.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
 Chief
 Sourcing and Qualifications Division