



DEFENSE LOGISTICS AGENCY
 DEFENSE SUPPLY CENTER, COLUMBUS
 POST OFFICE BOX 3990
 COLUMBUS, OH 43218-3990

IN REPLY
 REFER
 TO

DSCC-VQ (VQE-10-020616/Mr. Nash/614-692-8290/gn)

June 30, 2010

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 qualification testing of device type JANSF2N7626UB, allowed by paragraph E.4.2.2 (Qualification by Extension) of Performance Specification MIL-PRF-19500N, Semiconductor Devices, FSC 5961, and performance specification /745, Revision B. Therefore, your products will be listed as shown below in the Qualified Manufacturers List (QML) 19500. The effective date of this qualification is June 11, 2010. The starting lot date code is 0916.

The qualified thermal impedance conditions for screening and QCI limits are as follows:
 $V_H=12V$, $I_m=10mA$, $I_H=0.12A$, $P_t=10ms$, $t_{MD}=30\mu sec$, ΔV_{sd} Limit = 90mV max Screening, QCI Δ 15% shift

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
§F 2N7626UBC; UBN; UBCN	1A	CCBS	19500-2700-10	/745	Same as above
§F 2N7616UBC; UBN; UBCN			19500-2751-10	/744	

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

§ Includes JANS quality level only

This qualification approval is based upon test report number 19500-2944-10 for your testing, test report numbers 19500-2700-10 and 19500-2751-10 for your die, your letter dated May 27, 2010, 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