



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

IN REPLY
 REFER
 TO

DLA LAND AND MARITIME-VQ (VQE-11-022300/Mr. Nash/614-692-8290/gn)

April 7, 2011

SUBJECT: Notification of Qualification Extension, MIL-PRF-19500N, FSC 5961; CAGE Code: 69210

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

Dear Mr. Ward:

This letter amends letter VQE-09-018979 to the correct the ESD levels for parts 2N7493T2, 2N7471T1 and 2N7469U2. This letter is also amended to change the test report reference from 19500-2683-09 to 19500-2607-09.

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 JANSR2N7493T2, allowed by paragraph E.4.2.2 (Qualification by extension) of Performance Specification MIL-PRF-19500N, Semiconductor Devices, FSC 5961, and performance specification /701, Revision A. Also, qualification is granted to the other devices listed below 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 September 24, 2009. The starting lot date code is 0916.

The qualified thermal impedance conditions with screening and QCI limits are as follows:

$V_H=12V$, $I_m=10mA$, $I_H=1.39A$, $P_t=10ms$, $t_{MD}=30\mu sec$, ΔV_{sd} Limit = 28mV max Screening, QCI Δ 15% shift

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
§R 2N7493T2	1C	CCBS	19500-2607-09	/701	Same as above
§R 2N7471T1	3B			/698	
§R 2N7469U2	3B			/673	

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 19500-2683-09 for your testing, 19500-2607-09 for your die and your letter dated August 21, 2009, 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