



DEFENSE LOGISTICS AGENCY

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

June 15, 2012

Ms. Kelley Price
International Rectifier
205 Crawford St.
Leominster, MA 01453

Dear Ms. Price:

Re: Notification of Qualification by Extension, MIL-PRF-19500P, FSC 5961, VQ (VQE-12-024561);
CAGE Code 69210, Control # 036516.

Qualification by Extension of your product is granted based on successful testing of identical product from your wafer fabrication facility HEXFET America (FAB2), device type JANTX2N6762 to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961 and performance specification sheet /542J. Qualification is extended based on the guidelines specified in MIL-PRF-19500 paragraph E.3.2.4.b (structurally identical devices types) and paragraph E.4.2.2.G (qualification by extension) for the devices types listed below. This qualification was approved per MIL-PRF-19500/542J. Therefore, your products will be listed as shown below in the Qualified Manufacturers List (QML) 19500. The effective date of this qualification is June 15, 2012.

The qualified thermal impedance conditions for conformance inspection and screening limit are as follows:
VH= 25V, Im=10mA, IH=1A, Th=10ms, tMD=30µsec, ΔVsd Limit = 42mV maximum, QCI Δ=15%

Table with 6 columns: Government Designation, ESD Class, Manufacturer Designation, Test Report Reference, Prf. Spec, Manufacturer Name & Address. Row 1: ++ 2N6802, 1C, CCBS, 19500-3551-12, /542, Same as above

Plant (8): HEXFET America-FAB2
41915 Business Park Dr.
Temecula, CA 92590
(Wafer Fab)
92345 Prolongacion Avenue
Los Cabos Tijuana B.C. Mexico
(Assembly)

++ Includes JANTX and JANTXV quality levels only

This qualification approval is based upon the test report number 19500-3504-12 and 19500-3551-12 and your qualification data supplied with your letter dated April 20, 2012. This qualification 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.

If you have any questions concerning this letter, please contact Mr. Barone (614) 692-0510.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
Chief
Sourcing and Qualifications Division