



DEFENSE LOGISTICS AGENCY

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

October 29, 2014

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

Dear Ms. Price:

Re: Notification of Re-Qualification, MIL-PRF-19500P, Amend 1, FSC-5961, VQ (VQE-15-028770): CAGE Code: 69210; Control Number: 044537.

Re-Qualification of your product is granted under the current issue of the specification as a result of successful testing of device type JANSR2N7556T3 of Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /705, Revision E. This re-qualification was initiated due to a new SOA curve/with new part number being generated as a result of Temecula fab transfer. Extension is granted to the other device quality level 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 October 24, 2014. The beginning lot date code is 1417.

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

Table with 8 columns: Package, Vh, Im, Ih, Pt, Dt, (screening) ΔVF, (QCI) ΔVF. Row 1: T3, 12V, 10 mA, 4.2 A, 50 ms, 30μs, 104 mv, 15% shift

Table with 7 columns: Government Designation, Lead Finish, ESD Class 6/, Manufacturer Designation, Test Report Reference, Prf. Spec, Manufacturer Name & Address. Row 1: SR 2N7556T3, A, 1C, CCBS, 19500-4284-14, /705, Same as above

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

S Includes JANS quality level only

6/ Testing is compliant to the latest revision of MIL-STD-750 Test Method 1020.3

This qualification approval is based upon test report numbers 19500-3792-13 for your die, 19500-2674-09 for your package, 19500-4284-14 for this requalification, your letter dated July 25, 2014 and subsequent emails. This approval is subject to the conditions 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. If you have any questions about this letter, contact Mr. Carl DelloStritto at 614-692-0616.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
Chief
Sourcing and Qualifications Division