



DEFENSE LOGISTICS AGENCY

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

April 1, 2014

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

Dear Ms. Price:

Re: Notification of Re-qualification; MIL-PRF-19500P, FSC 5961; VQ (VQE-14-027795);
CAGE 69210; Ctrl # 042261

Re-qualification of your product is granted under the current issue of the specification as a result of
successful qualification testing in accordance with Table E-III requirements for device JANSF2N7506U8 to
Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961 and performance
specification sheet /749, revision B. This requalification was needed for yield improvement initiative which
required a redesign. This test report will supersede previous test report 19500-2843-10. Therefore, your
product will be listed as shown below in the Qualified Manufacturers List (QML) 19500. The starting wafer
lot number is A050155.2. The effective date of this qualification is March 26, 2014 and starting lot date
code 1349.

The qualified thermal impedance conditions for conformance inspection and screening limit are as
follows: V\_H= 12V, I\_m=10mA, I\_H=1.61A, Pt= 30µs, t\_MD=30µsec, ΔVsd Limit = 262mV maximum,
QCI Δ 15%

Table with 6 columns: Government Designation, ESD Class, Manufacturer Designation, Test Report Reference, Prf. Spec, Manufacturer Name & Address. Row 1: SF 2N7506U8;U8C, 1A, CCBS, 19500-4148-14, /749, Same as above

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

- 6/ Testing is compliant to the latest revision of MIL-STD-750
Test Method 1020.3
S Includes JANS quality level only

This qualification approval is based upon the test report numbers 19500-2843-10 (original package
& die) and 19500-4148-14 for your die, your letter dated February 24, 2014, and subsequent email and data.
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. Carl DelloStritto (614) 692-0616.

Sincerely,

/SIGNED/
JOSEPH GEMPERLINE
Chief
Sourcing and Qualifications Division