



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

August 26, 2011

Mr. Mike Ryan  
 Sensitron Semiconductor  
 221 West Industry Court  
 Deer Park, NY 11729-4681

Dear Mr. Ryan:

Re: Notification of Qualification, MIL-PRF-19500P, FSC 5961; VQ(VQE-11-023121) CAGE Code: 13409

Qualification of your product is granted under the current issue of the specification as a result of successful testing of device type JANS1N5811 and JANTXV to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /477J amendment 1. Extension 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 August 25, 2011. The beginning lot date code for this qualification is 0950.

Thermal Impedance conditions and limits are as follows (subject to change after 5 lots with approval of the qualifying activity): Im=10 mA, IH=15 A, tH=10 msec, tMD=70 µsec, ZθJX=1.13 °C/W max (Screening); ZθJX=1.19 °C/W max (QCI)

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
** 1N5807 thru 1N5811; US S 1N5807 thru 1N5811; US	3B	CQN	19500-3315-11	/477	Same as above

\*\* Includes JAN, JANTX & JANTXV quality levels

Plant (1): Same as above

S Includes JANS quality level

This qualification approval is based upon test report numbers 19500-3315-11 for your die and package, your letter dated June 17, 2011 and subsequent data and emails. This approval 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