



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

October 4, 2012

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

Dear Mr. Ryan:

Re: Notification of Qualification, MIL-PRF-19500P, FSC-5961; VQ (VQE-13-025171); CAGE Code: 13409;  
 Control #: 037401

Qualification of your product is granted under the current issue of the specification as a result of successful testing of device type JANTXV1N6324US and JANTXV1N6351US as allowed by paragraph E.4.1 of Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /533, Revision J. 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 beginning lot date codes for this qualification is 1113 for JANTXV1N6324US and 1207 for JANTXV1N6351US. The effective date of this qualification is October 1, 2012.

Thermal Impedance conditions and limits are as follows (subject to change after 5 lots with approval of the qualifying activity): Im=10 mA, IH=0.8 A, tH=10 msec, tMD=70 µsec, ZθJX=13.0°C/W max (Screening & QCI)

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
** 1N6324US-1N6351US	3B	CQN	19500-3622-12	/533	Same as above
S 1N6324US-1N6351US					

S Includes JANS quality level only

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

Plant (1): Same as above

This qualification approval is based upon test report number 19500-3622-12 for your die and package, your letter dated July 30, 2012 and your subsequent emails including additional testing data. Additionally, test report number 19500-3680-13 has been assigned to your JANS Group A and B data. 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 on this letter, contact Mr. DelloStritto at 614-692-0616.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE  
 Chief  
 Sourcing and Qualifications Division