



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

January 15, 2013

Mr. Joe Saber
 Sensitron Semiconductor
 221 West Industry Court
 Deer Park, NY 11729-4681

Dear Mr. Saber:

Re: Notification of Qualification, MIL-PRF-19500P, FSC 5961; VQ (VQE-13-025627)
 CAGE Code: 13409; Control Number: 038095

Qualification of your product is granted under the current issue of the specification as a result of successful testing of device types JANTXV1N4461US and JANS1N4496US as allowed by paragraph E.4.1 of Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /406, revision K. 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 are 1134 for JV1N4461 and 1106 for JS1N4496. The effective date of this qualification is January 3, 2013.

Thermal Conditions (subject to change after 5 lots with approval from the qualifying activity)						
Package	I _M	I _H	t _H	t _{MD}	Z _{θJX} (Screening)	Z _{θJX} (QCI)
1N4461US	10 mA	5 A	10 ms	70 μs	6.17 °C/W max	7.33 °C/W max
1N4496US	10 mA	5 A	10 ms	70 μs	5.59 °C/W max	5.70 °C/W max

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
** 1N4460-1N4461; US	3B	CQN	19500-3645-12	/406	Same as above
** 1N4467-1N4496; US					
§ 1N4460-1N4461; US					
§ 1N4467-1N4496; US					

** Includes JAN JANTX and JANTXV quality levels only
 § Includes JANS quality level only

Plant 1: Same as above

This qualification approval is based upon test report number 19500-3645-12 for your die and package, your letter dated August 23, 2012 requesting qualification and 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, please contact Mr. Nash at 614-692-8290.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
 Chief
 Sourcing and Qualifications Division