



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

April 23, 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-13-026190); CAGE Code: 13409
 Control Number: 039158

Qualification of your product is granted under the current issue of the specification as a result of successful testing of device types JANTXV1N4100UR-1 and JANS1N4120UR-1 as allowed by paragraph E.4.1 of Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /435, 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 1148 for the JV1N4100UR-1 and 1204 for the JS1N4120UR-1. The effective date of this qualification is April 16, 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)
DO-35/DO-213AA	10 mA	0.8 A	10 ms	70 μs	19.61 °C/W max	20.64 °C/W max
Government Designation	ESD Class		Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
** 1N4099-1 through 1N4120-1	3B		CQN	19500-3582-12	/435	Same as above
** 1N4099UR-1 through 1N4120UR-1						
§ 1N4099-1 through 1N4120-1						
§ 1N4099UR-1 through 1N4120UR-1						
** 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 19500-3582-12 for your die and package, your letter dated June 28, 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