



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

IN REPLY
REFER TO

DLA LAND AND MARITIME-VQ (VQE-11-022021/Mr. DelloStritto/614-692-0616)

February 25, 2011

SUBJECT: Notification of Qualification Extension, MIL-PRF-19500N, FSC 5961; CAGE Code: 13409

Mr. Jeff Walker
 Sensitron Semiconductors
 221 West Industry Court
 Deer Park, NY 11729-4681

Dear Mr. Walker:

Qualification by extension of your products is granted under the current issue of the specification as a result of successful testing of device type JANTXV1N5615 to Performance Specification MIL-PRF-19500N, Semiconductor Devices, FSC 5961, and performance specification /429L. 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 February 25, 2011. The beginning lot date code for this qualification is 1044.

Thermal Impedance conditions and limits are as follows (subject to change after 5 lots with approval of the qualifying activity): Im=10 mA, IH=10 A, tH=10 msec, tMD=70 µsec, ZθJX=3.01°C/W max (Screening); ZθJX=3.17 °C/W max (QCI)

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
** 1N5615,17,19, 21 & 23; US	3B	CQN	19500-3069-11	/429	Same as above
S 1N5615,17,19, 21 & 23; US					
** 1N4942,44,46, 47 & 48				/359	
** Includes JAN, JANTX, JANTXV quality levels					
S Includes JANS quality level only					Plant (1): Same as above

This qualification approval is based upon test report numbers, 19500-2991-10 and 19500-3132-11 for the /427 JANTXV and JANS qualification reports, 19500-3069-11 for /429 and /359 die and package, your letter dated February 7, 2011 requesting qualification extension, 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