



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

IN REPLY
 REFER TO

DLA LAND AND MARITIME-VQ (VQE-11-022276/Mr. DelloStritto/614-692-0616)

April 5, 2011

SUBJECT: Notification of Qualification, 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 of your product is granted under the current issue of the specification as a result of successful testing of device type JANS1N6642US to Performance Specification MIL-PRF-19500N, Semiconductor Devices, FSC 5961, and performance specification /578K. 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 April 4, 2011. The beginning lot date code for this qualification is 1040.

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=23.8 °C/W max (Screening); ZΘJX=25.0 °C/W max (QCI)

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
S 1N6638-6642; U; US	3B	CQN	19500-3150-11	/578	Same as above
S 1N6639-6641; US				/609	
S Includes JANS quality level only				Plant (1): Same as above	

This qualification approval is based upon test report numbers 19500-3150-11 for your die and package, your letter dated February 4, 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