



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

IN REPLY
 REFER
 TO

DLA LAND AND MARITIME-VQ (VQE-11-021995/Mr. Nash/614-692-8290/gn)

February 23, 2011

SUBJECT: Notification of Qualification Extension, MIL-PRF-19500N, FSC 5961

Mr. Jeffrey Walker
 Sensitron Semiconductor
 221 West Industry Court
 Deer Park, NY 11729-4681

Dear Mr. Walker:

Qualification by extension of your product is granted under the current issue of the specification as a result of successful testing of device type JANS1N5806 to Performance Specification MIL-PRF-19500N, Semiconductor Devices, FSC 5961, and performance specification /477J. Qualification by 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 22, 2011. The beginning lot date code for this qualification is 0952.

The qualification lot Thermal Impedance conditions and upper limits are as follows (subject to change after 5 lots):

I_M	I_H	t_H	t_{MD}	$Z_{\theta JX}$ (Screening)	$Z_{\theta JX}$ (QCI)
10 mA	5 A	10 ms	70 μ s	3.9 °C/W max	4.0 °C/W max

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
§1N5802; US	3B	CQN	19500-3151-11	/477	Same as above
§1N5804; US					
§1N5806; US					

§ includes JANS quality level only

Plant 1: Same as above

This qualification approval is based upon test report number 19500-3152-11 which was assigned to this data, 19500-3151-11 for your die and package, your letter dated January 10, 2010 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.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
 Chief
 Sourcing and Qualifications Division