



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

October 12, 2011

Mr. Daniel Lopez
 Semtech Corpus Christi S.A. de C.V.
 Carretera A Matamoros KM 9
 Brecha E-99, Edificio 9,
 Parque Industrial Reynosa
 CD, Reynosa, Tamps, Mexico CP 88500

Dear Mr. Lopez:

Re: Notification of Qualification Extension, MIL-PRF-19500P, FSC 5961; VQ (VQE-11-023277)
 CAGE Code: SH879, Control Number 034284.

Qualification by extension of your product is granted under the current issue of the specification as a result of successful qualification testing of device type JANTX1N5552US allowed by paragraph E.4.2.2 of Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /420. Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. The effective date of this qualification is September 23, 2011. The starting lot date code is M0921.

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

Package	I _M	I _H	t _H	t _{MD}	Z _{θJX} (Screening)	Z _{θJX} (QCI)
US	10 mA	30 A	10 ms	70 μs	0.478 °C/W max	0.5 °C/W max

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
** 1N5550US thru 1N5554US	NS	CDBV	19500-3364-11	/420	Same as above

** Includes JAN, JANTX and JANTXV quality levels

Plant 1: Same as above

This qualification approval is based upon test report number 19500-3364-11 for your package and test report number 19500-2464-09 for your die, and your letter dated August 5, 2011 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. Karadsheh at 614-692-0611.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
 Chief
 Sourcing and Qualifications Division