



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

February 2, 2013

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

Dear Mr. Lopez:

Re: Notification of Qualification, MIL-PRF-19500P, FSC 5961, VQ (VQE-13-025732),
 CAGE Code: SH879, Control Number: 038284

Qualification of your product design change is granted under the current issue of the specification as a result of successful qualification testing of device type JAN1N4460 as allowed by paragraph E.4.1 of Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /406K. 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 Qualified Manufacturers List (QML) 19500. The effective date of this qualification is January 25, 2013. The starting lot date code is 1233.

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} (LCL)	Z _{θJX} (UCL)
DO-41	10 mA	6.0 A	10 ms	70 μs	2.391 °C/W max	3.639 °C/W max

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
**1N4460 through **1N4461	NS	CDBV	19500-3751-13	/406	Same as above

** Includes JAN, JANTX & JANTXV quality levels only

Plant (1): Same as above

This qualification approval is based upon test report number 19500-3751-13 for your die and package, your letter dated December 13, 2012 requesting qualification, your subsequent emails and test data, and is subject to the conditions as stated in the SD-6 and DOD 4120.24M. This test report supersedes report number 19500-2857-10 in QML-19500.

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. Deslich at 614-692-0593.

Sincerely,
 /SIGNED/

JOSEPH GEMPERLINE
 Chief
 Sourcing and Qualifications Division