



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

June 20, 2013

Mr. Harry James
 Semicoa Corporation
 333 McCormick Avenue
 Costa Mesa, CA 92628-2613

Dear Mr. James:

Re: Notification of Qualification Extension, MIL-PRF-19500P, FSC 5961; VQ (VQE-13-026615)
 CAGE Code: 34156; Control Number: 039992

Qualification by extension of your product is granted under the current issue of the specification as a result of successful testing of device type JANS2N3637L as allowed by paragraph E.4.2.2 of Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /357, revision L. 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 beginning lot date code for this qualification is 1251. The effective date of this qualification is May 14, 2013.

Thermal Conditions (subject to change after 5 lots with approval from the qualifying activity)						
Package	I _M	I _H	t _H	t _{MD} *	Z _{θJX} (Screening)	Z _{θJX} (QCI)
TO-39	10 mA	200 mA	30 ms	100 μs	18 °C/W max	19 °C/W max
*Correlated with t _{MD} 70 μs						

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
S 2N3634-2N3637;L <u>6/</u>	2	CEJJ	19500-3878-13	/357	Same as above
** 2N3634-2N3637; L <u>6/</u>	2		19500-3700-13		

6/ Testing is compliant to the latest revision of MIL-STD-750 Test Method 1020.3
 S Includes JANS quality level only
 ** Includes JAN, JANTX & JANTXV quality levels only

Plant 1: Same as above

This qualification approval is based upon test report numbers 19500-3700-13 for your die and package, 19500-3878-13 for your JANS data, your letter dated April 30, 2013 requesting qualification, your email and data sent May 13, 2013, and your ESD plan & data. This qualification 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. DelloStritto at 614-692-0616.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
 Chief
 Sourcing and Qualifications Division