



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

June 17, 2011

Mr. Holger Hellwig
 Director of Quality Assurance
 Semicoa Corporation
 333 McCormick Avenue
 Costa Mesa, CA 92626

Dear Mr. Hellwig:

Re: VQ(VQE-11-022717); Group D Test Data Approval, MIL-PRF-19500P, FSC
 5961, CAGE 34156

Qualification of your product is granted based on successful radiation testing of device type JANSR2N3810 to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961 and performance specification sheet /336K. Qualification is extended to the device types listed below as allowed by paragraph E.4.2.2 of MIL-PRF-19500. Therefore, your products will be listed as shown below in the Qualified Manufacturers List (QML) 19500. The effective date of this qualification is June 16, 2011.

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

V_{CE}	I_H	t_H	t_{MD}	$Z_{\theta JX}$ (Screening)	$Z_{\theta JX}$ (QCI)
10 V	50 mA	30 ms	100 μ s max	44 °C/W max	46 °C/W max

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf. Spec	Manufacturer Name & Address
§R 2N3810 §R 2N3810L	3	CEGG	19500-033-00	/336	same as above

Plant (1): same as above

§ Includes JANS quality level only

This qualification approval is based upon the test report numbers listed above and your Group D radiation test data submission of May 10, 2011. Test report number 19500-3270-11 has been assigned to this data, but will not be reflected in the QML. 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 concerning this letter, please contact Mr. Brad Deslich (614) 692-0593.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
Chief
Sourcing and Qualifications Division