



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

June 30, 2011

Mr. Holger Hellwig
 Semicoa Corporation
 333 McCormick Avenue
 Costa Mesa, CA 92626-2613

Dear Mr. Hellwig:

Re: VQ (VQE-11-022778); Notification of Qualification Extension, MIL-PRF-19500,
 FSC 5961; CAGE Code: 34156

Qualification by extension of your product is granted under the current issue as allowed by paragraph E.4.2.2 (Qualification by extension) of Performance Specification, MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /558 Revision H. This extension was requested to add new RHA part numbers to the qualified "14 pin dip and flat pack" packages. Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. The effective date of this qualification is June 29, 2011.

The qualification lot Z0jx screening conditions and upper limits for the 14 pin-dip and flat packages are the following (subject to change after 5 lots with approval from the qualifying activity):

VCE= 10V, I_M= 10 mA, I_H= 50mA, t_H= 30ms, T_{MD}=100us, Z0jx = 36°C/W maximum; Z0jx= 38°C/W maximum (QCI)

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
§F 2N6987	3A	CEJJ	19500-1413-05	/558	Same as above
§F 2N6988					
§ Includes JANS quality level only				Plant 1: Same as above	

This qualification approval is based upon test report numbers 19500-1413-05 for your die and package, 19500-2274-08 for your radiation die test data, and your letter dated June 9, 2011 requesting qualification by extension. This approval 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