



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

May 10, 2011

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

Dear Mr. Hellwig:

Re: Notification of Qualification Extension, MIL-PRF-19500, FSC 5961;VQ (VQE-11-022493): 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 /559 Revision K. This extension was requested to add RHA part numbers to the qualified "14 pin dip" package using the existing qualification report for the JANSR2N2222AUBC. Therefore, your products will be listed as shown below in Qualified Manufacturers List (QML) 19500. The effective date of this qualification is May 10, 2011.

The qualification lot Z0jx screening conditions and upper limit for the 14 pin-dip package is 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 = 33°C/W maximum;
 Z0jx= 35°C/W maximum (QCI)

Government Designation	ESD Class	Manufacturer Designation	Test Report Reference	Prf Spec	Manufacturer Name & Address
§R 2N6989 §R 2N6990	3A	CEJJ	19500-1463-05	/559	Same as above

§ Includes JANS quality level only

Plant 1: Same as above

This qualification approval is based upon test report numbers 19500-1463-05 for your die and package, 19500-2292-08 for your radiation die test data, and your letter dated March 10, 2011 requesting qualification. 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