



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

June 28, 2011

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

Dear Mr. Hellwig:

Re: Notification of Qualification, MIL-PRF-19500, FSC 5961; CAGE Code: 34156;  
 VQ (VQE-11-022742)

Qualification of your product is granted under the current issue of the specification as a result of successful testing of device JANS2N2907AUA as allowed by paragraph E.4.2.2 of Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, performance specification /291 Revision R, Amendment 2. 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 June 23, 2011. The beginning wafer lot number is J1320 for starting lot date code 1105.

The qualification lot Z0jx screening conditions and upper limit for the UA package is the following (subject to change after 5 lots with approval from the qualifying activity):

VCE= 10V, I<sub>M</sub>= 10 mA, I<sub>H</sub>= 50mA, t<sub>H</sub>= 30ms, T<sub>MD</sub>=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
§ 2N2907AUA	3A	CEJJ	19500-3263-11	/291	Same as above
§F 2N2907AUA					

§ Includes JANS quality level only

Plant 1: Same as above

This qualification approval is based upon test report numbers 19500-3263-11 for your die and package, 19500-2274-08 for your radiation die test data, and 19500-3023-11 for group E testing, your letter dated May 10, 2011 requesting qualification and subsequent emails. 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