



DEFENSE LOGISTICS AGENCY

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

August 8, 2011

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

Dear Mr. Hellwig:

Re: VQ(VQE-11-022909); 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 JANSF2N4957 to Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961 and performance specification sheet /426K. 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 starting wafer lot number is J1368. The effective date of this qualification is August 8, 2011.

Thermal Impedance conditions and limits are as follows subject to change after 5 lots with approval of the qualifying activity): Im=1 mA, IH=50 mA, tH=30 msec, tMD=100 μsec, T0-72 Pkg.; ZΘJX=36.0°C/W max (Screening); ZΘJX= 38.0 °C/W max (QCI) ; UB limits: ZΘJX=31 °C/W max (Screening); ZΘJX= 33.0 °C/W max

Table with 6 columns: Government Designation, ESD Class, Manufacturer Designation, Test Report Reference, Prf Spec, Manufacturer Name & Address. Row 1: SF 2N4957; UB, 1C, CEJJ, 19500-3142-11, /426, Same as above.

S Includes JANS quality level only

Plant (1): Same as above

This qualification approval is based upon the test report numbers listed above and your Group D radiation test data submission of Feb 10, 2011 and subsequent data. Test report number 19500-3323-11 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. Carl DelloStritto (614) 692-0616.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
Chief
Sourcing and Qualifications Division