



DEFENSE LOGISTICS AGENCY

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

March 27, 2013

Mr. Harry James
Semicoa Corporation
333 McCormick Avenue
Costa Mesa, CA 92628-2613

Dear Mr. James:

Re: Notification of Qualification by Extension, MIL-PRF-19500P, Amendment 1, FSC 5961, VQ (VQE-13-026070); CAGE 34156; Ctrl # 038970

Qualification by extension is granted under the current issue of the specification as a result of successful testing of device type JANS2N5109UB as allowed by paragraph E.4.2.2 of Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961, and performance specification /453F. Therefore, your product will be listed as shown below in the Qualified Manufacturers List (QML) 19500. The beginning lot date code for this qualification is 1240. The effective date of this qualification is March 27, 2013.

Table with 7 columns: Package, V_H, I_H, t_H, t_MD*, Z_theta_JX (Screening), Z_theta_JX (QCI). Row 1: UB, 10 V, 200 mA, 30 msec, 100 usec, 40 °C/W max, 42 °C/W max. Note: *Correlated with t_MD 70 us

Table with 6 columns: Government Designation, ESD Class, Manufacturer Designation, Test Report Reference, Prf. Spec, Manufacturer Name & Address. Row 1: § 2N5109UB, 2, CEJJ, 19500-3826-13, /453, Same as above

Plant (1): Same as above

§ Includes JANS quality level only

This qualification approval is based upon test report numbers 19500-3826-13 for your JANS test data and 19500-1891-07 for your die & package for JAN-JANTXV quality levels, your letter dated March 12, 2013, and subsequent emails. 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. Deslich (614) 692-0593.

Sincerely,

/SIGNED/

JOSEPH GEMPERLINE
Chief
Sourcing and Qualifications Division