



DEFENSE LOGISTICS AGENCY

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

April 18, 2016

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

Dear Mr. James:

Re: Notification of Re-Qualification, MIL-PRF-19500P, Amend 3, FSC 5961, VQ (VQE-16-030234);
CAGE 34156; Ctrl # 050409

Re- Qualification of your product is granted based on successful testing of device type JANTX2N2219A to
Performance Specification MIL-PRF-19500P, Semiconductor Devices, FSC 5961 and performance specification sheet
/251, revision T. This re-qualification was initiated to update for Group E coverage on this device family. Test report
19500-3810-13 will now be superseded with the test report listed below. Extension is also granted to other devices
listed below as allowed by E.4.2.2 (Qualification by extension). Therefore, your products will be listed as shown
below in the Qualified Manufacturers List (QML) 19500. The effective date of this qualification is March 31, 2016
and starting lot date code T1544.

Table with 8 columns: Package, Vce, Im, IH, tH, tMD*, ZθJX (Screening), ZθJX (QCI). Row 1: TO-39, 10 V, 10mA, 90mA, 30 msec, 100 μsec, 36.0°C/W max, 38.0°C/W max. Note: *Correlated with tMD 70 μs

Table with 7 columns: Government Designation, Lead Finish, ESD Class, Manufacturer Designation, Test Report Reference, Prf. Spec, Manufacturer Name & Address. Includes manufacturer details for Tong Hsing Electronics.

This qualification approval is based upon test report number 19500-4673-16 for your die & package, your
original letter dated March 24, 2016 with data, and your updated letter and email dated March 31, 2016. 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,

for ALAN J. WILL
Chief
Sourcing and Qualifications Division