



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

December 9, 2014

Madho Dhouni
Silicon Turnkey Solutions
Vice President
801 Buckeye Court
Milpitas, CA 95035

Dear Mr. Dhouni:

Re: Q Level Assembly and Test Certification; MIL-PRF-38535; FSC 5962;
VQC-15-028736; Grammens, CN: 044661

Silicon Turnkey Solutions (STS) has demonstrated to the DLA Land and Maritime that it complies with MIL-PRF-38535, the performance specification used by the Department of Defense for integrated circuits.

STS is granted Q Level Assembly and Test Certification for the process flows and materials used to assemble and test QML products for the quality assurance levels defined in the STS QM Plan QM-003 Rev F and the Class Q standard traveler. This assembly and test certification listing includes subcontractors approved by STS and as documented in their Quality Management Plan.

Testing must be performed using the facilities and methods listed in the Laboratory Suitability letter DLA Land and Maritime- VQC-15-028944, or at facilities approved by STS Technical Review Board (TRB) using its MIL-PRF-38535 Quality Management Program Plan.

This certification is subject to the conditions in DoD 4120.24-M, Defense Standardization Program and SD-6.

All of the facilities mentioned on the enclosure are subject to an audit by the DLA Land and Maritime Qualifying Activity at any time.

STS shall notify the DLA Land and Maritime Qualifying Activity immediately after learning of a potential issuance of a GIDEP alert, problem advisory or major quality/reliability problem on their assembly and test processes. Failure to provide prior notification may be grounds for removal of their MIL-PRF-38535, Q Assembly and Test certification.

In addition, it is requested that the following activities be reported promptly to DLA Land and Maritime:

- Changes to certified facilities, process flows, or approved testing subcontractors.
- Problem evaluation and a corrective action when:
 - A Technology Conformance Inspection (TCI) failure has been validated
 - The reliability of shipped parts is questionable.
- Test optimization, including:
 - Implementation - paragraph J.3.12, Appendix J, MIL-PRF-38535
 - Changing, suspending or canceling a prior test optimization
- Change of company QML contact or other key QML personnel
- Changes in test methods and conditions

This Assembly and Test certification is valid until terminated by written notice from the DLA Land and Maritime Qualifying Activity. If warranted, it may be withdrawn by this center at any time.

If you have any questions please contact Mr. Michael Grammens at (614) 692-0604.

Sincerely,

MICHAEL S. ADAMS
Chief
Custom Devices Branch

ENCLOSURE

Visit us on the web at: http://www.landandmaritime.dla.mil/offices/sourcing_and_qualification/

<u>OPERATION</u>	<u>FACILITY</u>	<u>LOCATION</u>	<u>CAPABILITY</u>
Assembly	STS	801 Buckeye Court Milpitas, California	Hermetic Single Die/Planar MCM Class Q Flow Rev 01
Die Attach Material	STS	801 Buckeye Court Milpitas, California	JMI 7000, 84-1 LMI & 84-1 LMISR4
Wire Type and Wire Size	STS	801 Buckeye Court Milpitas, California	Gold Wire : 1.0 mils – 1.2 mils Aluminum Wire: 1.0 mils – 1.25 mils
Sealing	STS	801 Buckeye Court Milpitas, California	Seam Weld
Screening / Environmental Testing	STS	801 Buckeye Court Milpitas, California	Laboratory Suitability VQC-15-028944
Package	STS	801 Buckeye Court Milpitas, California	Flat Pack Lead Range 40-352 Lead Finish Gold Lead Pitch 25-50 mil