



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

July 22, 2021

Ms. Nawal Cotran
Director, Quality and Reliability
Integra Technologies Silicon Valley, LLC
1635 McCarthy Blvd.
Milpitas, CA 95035

Dear Ms. Cotran:

Re: Class Q and V Assembly and Test Certification; MIL-PRF-38535; FSC 5962; VQC-20-035108; Yu. CN: 072244.

Integra Technologies Silicon Valley, LLC 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 monolithic integrated circuits.

Integra Technologies Silicon Valley, LLC is granted Class Q and V Assembly and Test Certification for the process flows and materials used to assemble and test QML products for the quality assurance levels listed in the enclosure.

The previous Class Q and V Certification (VQC-17-031093), granted to Integra Technologies Silicon Valley, LLC by the DLA Land and Maritime is superseded by this certification to reflect the current certification status of Integra Technologies Silicon Valley, LLC as documented on the Quality Management Plan (QMP) QAS-0100, Rev. 33. This assembly and test certification listing includes subcontractors approved by Integra Technologies Silicon Valley, LLC.

Testing must be performed using the facilities and methods listed in the Laboratory Suitability letter DLA Land and Maritime-VQC-20-035107, or at facilities approved by Integra Technologies Silicon Valley, LLC Technical Review Board (TRB) using its MIL-PRF-38535 QMP.

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.

Integra Technologies Silicon Valley, LLC 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 and V 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
- Additions or deletions of parts in the QML-38535
- 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. Shing Yu at 614-692-0588.

Sincerely,

MICHAEL S. ADAMS
Chief
Custom Devices Branch

ENCLOSURE

Visit us on the web at: https://landandmaritimeapps.dla.mil/Offices/Sourcing_and_Qualification/offices.aspx

<u>OPERATION</u>	<u>FACILITY</u>	<u>LOCATION</u>	<u>CAPABILITY</u>	
Assembly Hermetic	Integra Technologies Silicon Valley	1635 McCarthy Blvd. Milpitas, CA 95035	QAS-6243 Rev. 2 Class V QAS-6242 Rev. 2 Class Q	
Die Attach Material	Integra Technologies Silicon Valley	1635 McCarthy Blvd. Milpitas, CA 95035	Eutectic JM7000 Epoxy (84-1LMI) Silver Glass (QMI-2569)	
Wire Type and Wire Size	Integra Technologies Silicon Valley	1635 McCarthy Blvd. Milpitas, CA 95035	Gold wire: 1 to 1.25 mil Aluminum wire: 1 to 1.25 mil	
Lead Finish	Six Sigma	905 Montague Expressway, Milpitas CA 95035-6817	Hot Solder Dip on gold leads	
Lid Seal	Integra Technologies Silicon Valley	1635 McCarthy Blvd. Milpitas, CA 95035	Solder Seal Glass Frit Seal	
Screening / Environmental Testing	Integra Technologies Silicon Valley	1635 McCarthy Blvd. Milpitas, CA 95035	Screening as baseline by QML Lab Suitability information letter VQC-20-035107	
Packages	Integra Technologies Silicon Valley	1635 McCarthy Blvd. Milpitas, CA 95035	<u>Type</u> Side Braze Cerdip Cerpack Quad Flatpack PGA Flatpack LCC J-lead CC	<u>Lead Range</u> 8-64 8-64 14-28 30-304 28-391 6-172 28-84 28-84