



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

March 6, 2018

Mr. Jeffrey Touvell  
Sr. Quality Manager  
Renesas Electronics America Inc.  
1650 Robert J. Conlan Blvd.  
Palm Bay, FL 32905

Dear Mr. Touvell:

Re: Q and V Level Assembly and Test Certification; MIL-PRF-38535; FSC 5962; VQC-18-032270; Control Number: 061049

This letter cancels and supersedes letter VQC-17-031174) to reflect the company name change to Renesas Electronics America Inc.

Renesas Electronics America Inc. 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.

Renesas Electronics America Inc. is granted Q and V Level 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. This assembly and test certification listing includes subcontractors approved by Renesas Electronics America Inc. 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-18-032269, or at facilities approved by Renesas Electronics America Inc.'s 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.

Renesas Electronics America Inc. 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. Paul Granchi, at (614) 692-9975.

Sincerely,

MICHAEL S. ADAMS  
Chief  
Sourcing and Qualification Division

cc:  
DLA Land and Maritime-VQC (Scott Thomas)

Visit us on the web at: [http://www.landandmaritime.dla.mil/offices/sourcing\\_and\\_qualification/](http://www.landandmaritime.dla.mil/offices/sourcing_and_qualification/)

**Package Assembly Capabilities:**

<b>Package Style</b>	<b>Seal Technology</b>	<b>Die Attach</b>	<b>Lead Finish</b>	<b>Pin Count Min/Max</b>
Side Braze Dip	Solder Seal	Gold Eutectic, Silver Glass, Silver Polymer	Gold, Solder	8 Lead / 40 Lead
Cerdip	Glass Frit	Gold Eutectic, Silver Glass	Solder	8 Lead / 40 Lead
CLCC	Solder Seal	Gold Eutectic, Silver Glass, Silver Polymer	Solder	8 Lead / 44 Lead
Ceramic Flat Pack	Solder Seal	Gold Eutectic, Silver Glass, Silver Polymer	Gold	2 Lead / 42 Lead
Ceramic Quad Flat Pack	Glass Frit	Silver Glass	Gold	48 Lead / 64 Lead
Metal Can	Weld	Gold Eutectic, Silver Glass	Gold, Solder	3 Lead / 8 Lead
TO-257	Seam Weld	Solder	Gold	3 Lead
SMD .5	Seam Weld	Solder – Gold Eutectic	Gold	3 Lead