



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

June 8, 2012

Mr. Daniel Miller
Quality Assurance Manager
M.S. Kennedy Corp.
4707 Dey Rd
Liverpool, NY 13088

Dear Mr. Miller:

Re: Q and V Level Assembly and Test Certification; MIL-PRF-38535; FSC 5962; VQC-12-024552; Patterson

M.S. Kennedy Corp. 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.

M.S. Kennedy Corp. 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 M.S. Kennedy Corp. 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-12-024553, or at facilities approved by M.S. Kennedy Corp. 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.

M.S. Kennedy Corp. 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. Philip Patterson at (614) 692-2178.

Sincerely,

MICHAEL S. ADAMS
Chief
Sourcing and Qualification Division

ENCLOSURE

cc:

DLA Land and Maritime-VQC (Scott Thomas)
DLA Land and Maritime-VQC (Michael Grammens)
DLA Land and Maritime-VQ (Darlene Griffin)
Company Name (QML Contact, Title)

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

Enclosure to DLA Land and Maritime-VQ (VQC-12-024552)

<u>OPERATION</u>	<u>FACILITY</u>	<u>LOCATION</u>	<u>CAPABILITY</u>
Wafer Fabrication	Linear Technology	Milpitas, CA	Bipolar, BiCMOS, CMOS
Assembly	MS Kennedy	Liverpool, NY	2422-16054, Class Q Assembly and Screening 2422-14417, Class V Assembly and Screening
Package Type	MS Kennedy	Liverpool, NY	1. TO257 metal can, 3 Pin 2. Cerpak, 10 pin
Die Attach Material	MS Kennedy	Liverpool, NY	1. Gold/Si Eutectic (98% Au/2% Si) 2. Conductive epoxy (Henkel 84-1LMIT)
Wire Type and Wire Size	MS Kennedy	Liverpool, NY	Aluminum wire, 1.25 mil diameter (F&K)
Lead Finish	MS Kennedy	Liverpool, NY	1. Gold Plate 2. Solder Dip
Sealing	MS Kennedy	Liverpool, NY	1. Gold/Tin (80% Au/20% Sn) (SST) 2. Seam Seal (Kovar lid) (Slee)
Screening / Environmental Testing	MS Kennedy	Liverpool, NY	Screening/test methods as listed in DLA Land and Maritime Lab Suitability Listing letter VQC-12-024553 2422-16054, Class Q Assembly and Screening 2422-14417, Class V Assembly and Screening
QCI Testing	MS Kennedy	Liverpool, NY	QCI/test methods as listed in DLA Land and Maritime Lab Suitability Listing letter VQC-12-024553 2422-16053, Class Q QCI 2422-14416, Class V QCI
Subcontractors	Textronix	North Billerica, MA	TM1004, TM1009, TM2002, TM2007
	Atlantic Analytical Labs	Whitehouse, NJ	TM1018
	Oneida Research	Whitesboro, NY	TM1018
	Evans Analytical Group	Santa Clara, CA	TM3015
	Semiray Inspection Services	Glendale, AZ	TM2012
	Oneida Research	Whitesboro, NY	TM2018

1. List of Commercial Labs listed on DLA Land and Maritime website may be used in lieu of the subcontractors listed.