



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

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2/18/11

IN REPLY
REFER TO

DLA LAND AND MARITIME-VQH-11-021841

January 24, 2011

SUBJECT: Laboratory Suitability Status, Hybrid Microcircuits, MIL-PRF-38534, FSC 5962

Mr. Evon Bennett
Teledyne Microelectronic Technologies
12964 Panama Street
Los Angeles, CA 90066-6534

Dear Mr. Bennett:

Based on a sample audit and review of your test methods the week of March 9 - 11, 2010, a satisfactory confidence level of Laboratory Suitability has been demonstrated. Therefore your facility at 12964 Panama Street, Los Angeles, CA is considered suitably equipped to perform testing on hybrid microcircuits in accordance with MIL-PRF-38534 for the following test methods of MIL-STD-883:

<u>TEST</u>	<u>METHOD</u>	<u>CONDITION</u>
Life Test	1005	A-D, 125°, T _a , Air
Stabilization Bake	1008	C (150°), F
Temperature Cycling	1010	C
Seal	1014	A ₁ , A ₂ , A ₄ , C ₁
Burn-In	1015	A-D, 125°C, T _a , Air
Constant Acceleration	2001	A-E (Y ₁ axis)
Solderability	2003	N/A
Lead Integrity	2004	B ₂
External Visual	2009	N/A
Internal Visual (Monolithic)	2010	A, B
Bond Strength	2011	D
Internal Visual Mechanical	2014	N/A
Resistance to Solvents	2015	N/A
Physical Dimensions	2016	N/A
Internal Visual (Hybrid)	2017	H and K
Die Shear	2019	N/A
PIND	2020	A, B
Non-Destruct Bond Pull	2023	N/A
*Internal Visual (Passive)	2032	H and K
*Internal Visual (Transistors)	2072	N/A
*Internal Visual (Diodes)	2073	N/A

*Test Methods in MIL-STD-750

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All screening, conformance inspection, periodic inspection, and qualification tests must be performed by a facility that has been issued Laboratory Suitability by DLA LAND AND MARITIME-VQ for the applicable test method and condition.

This Laboratory Suitability is valid until withdrawn by this Center. This Laboratory Suitability is subject to the conditions stated in DoD 4120.24-M and SD-6.

Thank you for your cooperation in this matter. Direct your responses and any questions to Mr. Barker at (614) 692-0596.

Sincerely,



JAMES ESCHMEYER
Chief
Hybrid Devices Team