



DEFENSE LOGISTICS AGENCY

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

Mr. Granville Rains
Micross Hi-Rel Power Solutions
2520 Junction Avenue
San Jose, CA 95134

December 22, 2023

Dear Mr. Rains:

RE: Laboratory Suitability Status, Hybrid Microcircuits, MIL-PRF-38534, FSC 5962, VQH-24-038311, CN 86225

Based on a sample audit and review of your test methods the week of Feb 16-20, 2023, a satisfactory confidence level of Laboratory Suitability has been demonstrated. Therefore, your hybrid subcontractor facility, Universal Scientific Industrial Co., Ltd. (USI) at Lane 351, Taiping Road, Secl, Tsao Tuen, Nan-Tou, Taiwan is considered suitably equipped to perform testing on military devices for the following test methods of MIL-STD-883:

<u>TEST</u>	<u>METHOD</u>	<u>CONDITION</u>
Stabilization Bake	1008	C (150°C), F
Temperature Cycling	1010	C
Seal	1014	A ₁ , A ₂ , C ₁
Burn-In	1015	A-D, 125°, T _c , Air
Constant Acceleration	2001	A-E, 3000g (Y ₁ Axis)
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	Class K, H
PIND	2020	A, B
Non-Destruct Bond Pull	2023	N/A
Internal Visual (Passive)	2032	Class K, H
*Internal Visual (Transistors)	2072	N/A
*Internal Visual (Diodes)	2073	N/A

*Test Methods in MIL-STD-750

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This Laboratory Suitability is valid until withdrawn by this Center.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.

If you have any questions, please contact Mr. Daniel Miller at (614) 692-2908 or email Daniel.miller@dla.mil.

Sincerely,

BRADLEY P. DESLICH
Chief
Hybrid Devices Branch