



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

July 24, 2023

Mr. Ken Hall  
Micropac Industries, Inc.  
1655 State Highway 66  
Garland, TX 75040

Dear Mr. Hall:

Re: Laboratory Suitability, Hybrid Microcircuits MIL-PRF-38534, FSC 5962, VQH-23-037980, CN# 084925

Based on a sample audit the week of December 12, 2023 and a follow-up review of your test methods, a satisfactory confidence level of Laboratory Suitability has been demonstrated. Therefore, your facility at the above address 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>
Life Test	1005	A-D, 100°C-135°C, Ta, Air
Stabilization Bake	1008	C (150°C), F
Temperature Cycling	1010	C
Thermal Shock	1011	C
Seal	1014	A <sub>1</sub> , A <sub>2</sub> , B <sub>1</sub> , B <sub>1</sub> /B <sub>2</sub> , C <sub>1</sub>
Burn-In	1015	A-D, 100°C-135°C, Ta, Air
Constant Acceleration	2001	A-E, 3000g (Y <sub>1</sub> Axis)
Lead Integrity	2004	B <sub>2</sub> , D
External Visual	2009	N/A
Internal Visual (Monolithic)	2010	B, S
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, K
Die Shear	2019	N/A
PIND	2020	A, B
Non-Destruct Bond Pull	2023	N/A
Internal Visual (Passive)	2032	H, K
*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This Laboratory Suitability is valid until withdrawn by this Center.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.

Micropac has moved all testing from the facility at 905 E Walnut PO Box 469017 to the current facility at 1655 State Highway 66. Therefore, lab suitability for all testing at location 905 E Walnut PO Box 469017 (reference DLA letter VQH-21-036474 dated August 31, 2021) is hereby withdrawn.

If you have any questions, please contact Mr. Jonathan Stone at (614) 692-5166.

Sincerely,

ROBERT M HEBER  
Chief  
Sourcing and Qualifications Division