



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

5 July 2018

Mr. Paul Kamper
Quality Manager
Hi-Reliability Microelectronics
1804 McCarthy Blvd.
Milpitas, CA 95035

Dear Mr. Kamper:

Re: Commercial Laboratory Suitability Approval Notice, CAGE: 1K543, VQH-18-032802, CN 063345

Based on the results of the DLA Land and Maritime audit conducted 2-3 August 2017, Hi-Reliability Microelectronics in Milpitas, CA is considered suitably equipped to perform the MIL-STD-202 tests listed in accordance with the following:

<u>TEST</u>	<u>METHOD</u>	<u>CONDITION</u>
Salt Atmosphere	101	A, B, C, D
Steady State Humidity	103	A, B, C, D
Immersion Test	104	A, B, C
Barometric Pressure	105	A, B, C, D, E, F, G
Moisture Resistance	106	N/A
Thermal Shock	107	A, A-1, A-2, A-3 (Air) B, B-1, B-2, B-3 C, C-1, C-2, C-3 F, F-1, F-2, F-3 AA, AA-1, AA-2 (Liquid) BB, BB-1, BB-2 CC, CC-1, CC-2
Life (at elevated ambient temperature)	108	A, B, C, D, E, F, G, H, I, J, K
Seal	112	D, E
Vibration	201	A, B, C, D, E, G, H
Vibration, High Frequency	204	A, B, C, D, E, G, H
Solderability	208	A, B, C
Resistance to Soldering Heat	210	A, B, I, J, K
Terminal Strength	211	A
Acceleration	212	A, B,
Shock (Specified Pulse)	213	A, B, C, D, E, F, G, H, I, J, K
Random Vibration	214	I and II A - K
Resistance to Solvents	215	A, C, D
Dielectric Withstanding Voltage	301	N/A
Insulation Resistance	302	A, B, C

DC Resistance	303	N/A
Resistance Temperature	304	N/A
Capacitance	305	N/A
Quality Factor (Q)	306	N/A
Contact Resistance	307	N/A

Your laboratory is to maintain a record for all microcircuit testing and submit a summary annually to DLA Land and Maritime-VQ which will include the following as a minimum:

- a. Part number or MIL-STD identification
- b. Date code
- c. Quantity tested
- d. Number of devices pass/fail
- e. Manufacturer
- f. Manufacturer's lot number
- g. Test method(s)/condition(s)
- h. Date test completed
- i. Qualification test report number as applicable
- j. Self audit reports with deficiencies and corrective actions

The standard retention reporting period is from 01 Jan through 31 Dec. Your report is then due by 01 March the following year.

Test labs shall notify the qualifying activity immediately after learning of a potential issuance of a GIDEP alert, problem advisory or major quality/reliability problem on their products utilizing the test methods on the attached enclosure. Failure to provide prior notification may be grounds for removal from DLA Land and Maritime's Commercial Lab Suitability Listing.

This laboratory suitability is valid subject to the conditions as stated in DoD 4120.24-M and SD-6. This laboratory suitability is valid until withdrawn by DLA Land and Maritime. Any deviation to the test method or condition(s) listed herein must be approved by the Qualifying Activity.

If you have any questions, please contact Ms. Binh Tonnu at (614) 692-0586 or binh.tonnu@dla.mil.

Sincerely,

JAMES ESCHMEYER
Chief
Hybrid Devices Branch