



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

March 18, 2025

Nancy Shindler
Director of Quality
Teledyne e2v Hirel Electronics
765 Sycamore Drive
Milpitas, CA 95035 USA

Dear Mrs. Shindler:

Re: Laboratory Suitability for MIL-STD-883; FSC 5962; VQC-25-039395

Teledyne e2v Hirel Electronics has demonstrated DLA Land and Maritime compliance with MIL-STD-883, the test standard for integrated circuits. Linear Technology Corporation is granted laboratory suitability, effective on the date of this letter, for the facilities, test methods and conditions shown in the enclosure. All testing must be performed in accordance with MIL-PRF-38535 and MIL-STD-883 test methods.

This letter is issued in conjunction with the QML certification letter DLA Land and Maritime-VQC-25-039394. This Laboratory Suitability is subject to the policies, procedures, and conditions of the Defense Standardization Program, as published in the manual DoD 4120.24-M and SD-6.

This laboratory suitability is valid until terminated by written notice from DLA Land and Maritime. If warranted, it may be withdrawn by DLA Land and Maritime at any time. Each of these facilities is subject to an audit by DLA Land and Maritime with a minimum notice.

If you have any questions, please contact Mr. Tran (614) 692-0606.

Sincerely,

MICHAEL S. ADAMS
Chief
Custom Devices Branch

Enclosure

Enclosure to DLA Land and Maritime- (VQC-25-039395)

Test	883 Test Method / Condition	Location	Additional Location
Insulation Resistance	1003	Teledyne e2v	
Moisture Resistance	1004	Teledyne e2v.	
Steady State Life Test	1005 A, B, C, D	Teledyne e2v	
Stabilization Bake	1008 A, B, C	Teledyne e2v	
Salt Atmosphere	1009 A, B	Teledyne e2v	
Temperature Cycling	1010 B, C	Teledyne e2v	MMT Thailand
Thermal Shock	1011 B, C	Teledyne e2v	
Seal	1014 A1, A2, A4, C1	Teledyne e2v	MMT Thailand
Burn-in	1015 A, B, C, D	Teledyne e2v	
Internal Gas Analysis	1018	ORS	EAG
Constant Acceleration	2001 A, B, D, E (Y1 orientation only)	Teledyne e2v	MMT Thailand
Mechanical Shock	2002 B	Teledyne e2v	
Solderability	2003	Teledyne e2v	
Lead Integrity	2004 B1, B2, D	Teledyne e2v	
Vibration, Variable Frequency	2007 A	Teledyne e2v	
External Visual	2009	Teledyne e2v	MMT Thailand
Internal Visual	2010 A, B	Teledyne e2v	MMT Thailand
Bond Strength	2011 D	Teledyne e2v	MMT Thailand
Radiography	2012	ORS	
Internal Visual Inspection	2010	Teledyne e2v	
Resistance to Solvents	2015	Teledyne e2v	
Physical Dimensions	2016	Teledyne e2v	
SEM	2018	HIREL Labs	
Die Shear Strength	2019	Teledyne e2v	MMT Thailand
PIND	2020 A, B	Teledyne e2v	MMT Thailand
Glassivation Layer Integrity	2021	Teledyne e2v	Hi-Rel Laboratories, Inc.
Nondestructive Bond Pull	2023	Teledyne e2v	
Lid Torque	2024	Teledyne e2v	
Adhesion of Lead Finish	2025	Teledyne e2v	
Substrate Attach Strength	2027	Teledyne e2v	MMT Thailand
Pin-Grid Package Destructive Lead Pull Test	2028	Teledyne e2v	
Resistance to Soldering Heat	2036 B	Teledyne e2v	
ESDS Classification	3015	Innovative Circuits Engineering, Inc.	
Wafer Lot Acceptance	5007	Hi-Rel Laboratories, Inc.	
Electrical Test	Per Mil-STD-883 paragraph 4.5	Teledyne e2v	

Enclosure to DLA Land and Maritime- (VQC-25-039395)

<u>Subcontractors:</u>	<u>Locations:</u>
Millenium Microchip Technologies (MMT)	Bangkok, Thailand
Oneida Research Services	Whitesboro, NY and Englewood, CO
Hi-Rel Laboratories	Spokane, WA
Team Pacific	Taguig City, Philippines