SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EUROFINS EAG ENGINEERING SCIENCE, LLC
2710 Walsh Avenue
Santa Clara, CA 95051
Robert Bruening Phone: 408 454 4634
RobertBruening@eurofinsEAG.com
www.eaglabs.com

MECHANICAL

Valid To: February 28, 2024 Certificate Number: 2797.11

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following types of tests on integrated circuits and electronic components:

Test(s):	**Test Method(s):**
Electrical	
Voltage Stress	
Rise / Fall Time (2 to 10) ns Rise / Delay Time (130 to 170) ns Pin Capacity: 100 V to 8 kV Current: (0.15 to 5.86) A	JEDEC JS-001; JESD22-A114; Mil Std 883 TM 3015; AEC-Q100-002; AEC-Q101-001; Test – Human Body Model
Frequency (11 to 16) MHz Pin Capacity: 50V to 2 kV Current: (1.5 to 16.1) A	JEDEC JESD22-A115; AEC-Q100-003, AEC-Q101-002; Test – Machine Model
I-Test Vsupply Over-Voltage Test	JEDEC JESD78; AEC-Q100-004; Test –IC Latch-Up
Rise / Fall Time < 400 ps Pin Capacity: 50 V to 1 kV Peak Current (2.25 to 18) A	JEDEC JESD22-C101, JEDEC JS-002; AEC-Q100-011, AEC-Q101-005; Test – Field Induced; Charged Device Model

Test(s):	**Test Method(s):**
Environmental	
Thermal Stress	
HTOL (High Temperature Operating Life) 85 to 150 °C ± 3 °C (1 to 20) V / (0 to 500) A	Mil Std. 883TM 1005, 1006, 1015 JESD22-A108
HTSL (High Temperature Storage Life) 100 to 185 °C	JESD22-A103
THB (Temperature Humidity Bias) 30 °C to 85 °C (60 to 95% RH Non-Condensing)	JESD22-A101
PPOT – Pressure Pot 121 to 135 °C, 20 PSI, 100% Saturation	JESD22-A102
HAST (Highly Accelerated Stress Test) 110 to 145 °C, 35 PSI, 100 % Saturation @ 85 %RH (Max)	JESD22-A110
TMCL – Temperature Cycling Condition A-N (air to air) (-65 to 150) °C 10 min Dwell Instantaneous Ramp; 5 min Dwell 15 min Ramp	JESD22-A104; MIL-STD 883 TM 1011
Preconditioning Level 1 - 6	JESD22-A113

Accredited Laboratory

A2LA has accredited

EUROFINS EAG ENGINEERING SCIENCE, LLC

Santa Clara, CA

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated April 2017*).

Presented this 14th day of March 2023.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2797.11
Valid to February 28, 2024

For the types of tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.