



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

August 20, 2021

Mark Wasilewski
VP Quality
onsemi
2300 Buckskin Road
Pocatello, ID 83201-2734

Dear Mr. Wasilewski:

Re: QML Laboratory Suitability for MIL-STD-883; FSC 5962; VQC-21-035655; Yu.
CN: 077528.

onsemi has demonstrated to the DLA Land and Maritime compliance with MIL-STD-883, the test standard for integrated circuits. onsemi is granted laboratory suitability, effective immediately, for the facilities, test methods and conditions shown on 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-21-035654.

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 If warranted, it may be withdrawn by DLA Land and Maritime at any time.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. Shing Yu at (614) 692-0588.

Sincerely,

MICHAEL S. ADAMS
Chief
Custom Devices Branch

ENCLOSURE

Visit us on the web at: http://www.landandmaritime.dla.mil/offices/sourcing_and_qualification/

Enclosure to DLA Land and Maritime-VQC-21-035655

TEST	METHOD/CONDITION	onsemi Pocatello	onsemi Philippines	onsemi Gresham	Criteria Labs	Eurofins EAG Labs Santa Clara	Integra Technologies Silicon Valley	Integra Technologies Wichita	Kyocera America San Diego	Silicon Turnkey Solutions
Moisture Resistance	1004		X		X					X
Steady State Life Test	1005/A-E	X	X		X			X		
Salt Atmosphere	1009/A		X		X					X
Temperature Cycling	1010/B-C	X	X		X		X	X	X	X
Thermal Shock	1011/B		X		X					X
Seal	1014/A1,A2,C1				X		X	X	X	X
Burn-in	1015/A-E	X	X		X			X		
Internal Water Vapor Content	1018									Pernicka
Constant Acceleration	2001/E (Y1 Orientation)				X		X	X	X	X
Mechanical Shock	2002/B				X					X
Solderability	2003 Test A,B		X		X		X		X	X
Lead Integrity	2004/B1,B2		X				X		X	X
Vibration, Variable Frequency	2007/A				X					X
External Visual	2009	X	X		X		X	X	X	X
Internal Visual	2010/B		X		X		X		X	
Bond Strength	2011/C,D	X	X		X		X	X	X	
Resistance to Solvents	2015	X	X		X				X	X
Physical Dimensions	2016		X		X		X		X	X
SEM	2018	X		X						
Die Shear Strength	2019		X		X		X	X	X	X
PIND	2020/A						X		X	X
Glassivation Layer Integrity	2021/A	X		X						
Adhesion of Lead Finish	2025									X
Substrate Attach Strength	2027	X			X			X	X	X
Solder Column Package Destructive Lead Pull	2038									X
Soldering Heat	2036/A,B		X						X	X
ESD Classification	3015					X				
Electrical Test	MIL-STD-883 paragraph 4.5	X	X					X		
HAST Biased	JESD22-A110E							X		

Subcontractors Information:

Criteria Labs
706 Brentwood St.
Austin, TX 78744

Integra Technologies Wichita
3450 N Rock Rd.
Wichita, KS 67266

Kyocera America, Inc.
8611 Balboa Ave.
San Diego, CA 92111

Silicon Turnkey Solutions (Micross)
1804 McCarthy Blvd.
Milpitas, CA 95035

Eurofins EAG Labs
2710 Walsh Ave.
Santa Clara, CA 95052

Integra Technologies Silicon Valley
1635 McCarthy Blvd.
Milpitas, CA 95035

Eurofins EAG Labs (Pernicka)
112 Racquette Dr.
Fort Collins, CO 80524