



Schedule of Scope to Certificate of Conformity **Approved Process**

IECQ Certificate No.: IECQ-L ULTW 16.0003-04

CB Certificate No.: 20003698 ITL

Schedule Number: IECQ-L ULTW 16.0003-04-S Rev No.: 5 Revision Date: 2020/08/19 Page 1 of 3

Appendix-1 (20003698 ITL) **Schedule of Scope to Certificate of Approval**

Description test	Standard
Latch-up	JESD78
HBM	JS-001
MM	JS-001
CDM	JS-002
ESD Gun	IEC 61000-4-2
EOS	IEC 61000-4-5
TLP	ESDA
Wire Bonding	NA
IC Package	NA
Pull and shear test	MIL-STD-883 method 2011.9 MIL-STD-883 method 2023.7 AEC-100-001 EIA/JESD22-B116 JESD22-B117
High Temperature Operation Life test (HTOL)	JESD22-A108, IEC 60068-2-1
Low Temperature Operation Life test (LTOL)	JESD22-A108, IEC 60068-2-1
Bias Life test (BLT)	JESD22-A108
Temperature Cycling test (TCT)	JESD22-A104

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Temperature variation test (TCC)	IEC 60068-2-14/33
Thermal Shock test (TST)	JESD22-A106
High Temperature Storage test (HTST)	IEC 60068-2-2
Low Temperature Storage test (LTST)	IEC 60068-2-1
Pressure Cooker test (PCT/UB-HAST)	JESD22-A102
Highly Accelerated Stress test (HAST)	JESD22-A110
Temperature and Humidity Storage test (THST)	IEC 60068-2-3
Temperature and Humidity with Bias test (THB)	JEDEC22 A101
Pre-conditioning test	JESD22-A113
Reflow test	J-STD-020
Solderability test	J-STD-002
Steam aging test	J-STD-002
SMT	IPC-A-610
Multi-function material test(Bending test)	JESD22-B113
Drop test	ISTA 2A, IEC 60068-2-32
Vibration test and Shock Test	IEC 60068-2-6/27/29/34/64
Salt atmosphere street test	JESD22-A107, IEC 60068-2-11/52
Gas corrosion test	IEC 60068-2-42/43/49/60
Electro-migration test	IPC TM650 2.6.25
Conductive resistance test	IPC 9701

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IEC QUALITY ASSESSMENT SYSTEM (IECQ)

covering Electronic Components,
Assemblies, Related Materials and Processes

For rules and details of the IECQ visit www.iecq.org

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Low temperature/ low humidity test	IEC 60068-2-38/39
Low pressure / altitude test	IEC 60068-2-13
Dust and water proof test	IEC60529
Solar radiation test	IEC 60068-2-5/9
Tumbling Test	IEC 60068-2-31

Technical Reviewer of DQS:

Michael Chou

Date: 8/19/2020

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