



Schedule of Scope to Certificate of Approval Independent Testing Laboratory

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.: 7 Revision Date: 2023/08/15 Page 1 of 3

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

Description test	Standard
High Temperature Operation Life test (HTOL)	IEC 60068-2-1, JESD22-A108
Low Temperature Operation Life test (LTOL)	IEC 60068-2-1, JESD22-A108
Bias Life test (BLT)	JESD22-A108
Temperature Cycling test (TCT)	JESD22-A104
Temperature variation test (TCC)	IEC 60068-2-14/33
Thermal Shock test (TST)	JESD22-A106
High Temperature Storage test (HTST)	IEC 60068-2-2, JESD22-A103
Low Temperature Storage test (LTST)	IEC 60068-2-1, JESD22-A119
Pressure Cooker test (PCT/UB-HAST)	JESD22-A102, JESD22-A118
Highly Accelerated Stress test (HAST)	JESD22-A110
Temperature and Humidity Storage test (THST)	IEC 60068-2-3, JEDEC22 A101
Temperature and Humidity with Bias test (THB)	JESD22-A101
Pre-conditioning test	JESD22-A113
Reflow test	J-STD-020
Solderability test	J-STD-002
Steam aging test	J-STD-002
Surface Mount Technology (SMT)	IPC-A-610, IPC-A-600

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DQS-Group - DQS Taiwan Inc., Feng Yuan Dist., Taichung City, Taiwan





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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
Low temperature/ low humidity test	IEC 60068-2-38/39
Low pressure / altitude test	IEC 60068-2-13
Dust and water proof test	IEC 60529
Solar radiation test	IEC 60068-2-5/9
Tumbling Test	IEC 60068-2-31
Torque test	T-REL-3
Carton Compression test	ISTA 2A, ASTM
High Temperature Reverse Bias (HTRB)	MIL-STD-750 Method 1039
High Humidity High Temperature Reverse Bias (H3TRB)	JESD22-A-101

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High Temperature Gate Bias (HTGB)	JESD22-A-108
Intermittent Operational Life (IOL)	MIL-STD-750 Method 1037

Technical Reviewer of DQS: Michael Chou Date: 8/15/2023

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