



Schedule of Scope to Certificate of Conformity Approved Process

IECQ Certificate No.: IECQ-L ULTW 18.0001

CB Certificate No.: 20002839 ITL

Schedule Number: IECQ-L ULTW 18.0001-S Rev No.: 2 Revision Date: 2020/06/01 Page 1 of 2

Appendix-1 (20002839 ITL) Schedule of Scope to Certificate of Approval

| Description test | Standard |
|--|---|
| Electrostatic Discharge test (ESD-CDM) | ANSI-ESDA-JEDEC -JS-002 AEC-Q100-011 EIAJ ED-4701/305 |
| Electrostatic Discharge test (ESD-HBM/MM) | MIL-STD-883H Method 3015.8(HBM), ANSI-ESDA-JEDEC-JS-001(HBM) AEC-Q100-002(HBM) EIAJ ED-4701/304(HBM) JESD22-A115D(MM) AEC-Q100-003(MM) EIAJ ED-4701-1-C11(MM) |
| Electrostatic Discharge test (Latch-up) | ESD78D |
| High Temp Operating Life (HTOL) | JEDEC-22A-108 AEC-Q100;AEC-Q101;AEC-Q200 |
| Precondition test / Moisture Sensitivity Level (MSL) | JEDEC-J-STD-020 |
| Reflow | JEDEC-J-STD-020 JEDEC22-B102 |
| High Temperature Storage test (HTST) | JEDEC-22A-103 |
| Low Temperature Storage test (LTST) | IEC 60068-series MIL-STD-810/883 AEC-Q100;AEC-Q101;AEC-Q200 |
| Accelerated Moisture Resistance-Unbiases (Unbiased HAST) | JEDEC-22A- 110 MIL-STD-810/883 AEC-Q100;AEC-Q101;AEC-Q200 |
| Highly Accelerated Stress test (HAST) | JEDEC-22A-118 MIL-STD-810/883 AEC-Q100;AEC-Q101;AEC-Q200 |
| Pressure Cooker test (PCT) | JEDEC-22A-102 |
| Temperature Cycle test (TC) | JEDEC-22A-104 MIL-STD-810/883 |

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



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| Description test | Standard |
|--|--|
| | IPC-9701 AEC-Q100;AEC-Q101;AEC-Q200 |
| Temperature and Humidity test (THT) | IEC 60068-series MIL-STD-810/883 AEC-Q100;AEC-Q101;AEC-Q200 |
| Temperature and Humidity with Bias test (THB) | JEDEC-22A-101 MIL-STD-810/883 AEC-Q100;AEC-Q101;AEC-Q200 |
| Surface Mount Technology (SMT) | JEDEC-J-STD-020 IPC-A-610;IPC-7525 J-STD-001 |
| Vibration test | JEDEC-22B-103 IEC-60068-series MIL-STD-810/883 AEC-Q100;AEC-Q101;AEC-Q200 |
| Shock test | JEDEC-22B-104;JEDEC-22-B111 IPC-9703 IEC-60068-series MIL-STD-810/883 AEC-Q100;AEC-Q101;AEC-Q200 |
| Focus Ion Beam + Field Emission Scanning Electron Microscope(FIB+FE SEM) | B-QA-LAB0-OI-13 |
| Scanning Electron Microscope (SEM) | B-QA-LAB0-CM-09 |
| Energy-Dispersive Spectroscopy (EDS) | B-QA-LAB0-OI-13 B-QA-LAB0-CM-09 |
| Scanning Acoustic Microscopy (SAM) | B-QA-LAB0-OI-17 |
| Atomic Force Microscopr (AFM) | B-QA-LAB0-OI-22 |
| X-ray | B-QA-LAB0-OI-18 |
| Sample Preparation | B-QA-LAB0-OI-21 |



Technical Reviewer of DQS: _____ Date: 6/1/2020

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