



Schedule of Scope to Certificate of Conformity Independent Testing Laboratory

IECQ Certificate No.: IECQ-L ULTW 17.0001-01

CB Certificate No.: 50600165 ITL

Schedule Number: IECQ-L ULTW 17.0001-01-S Rev No.: 3 Revision Date: 2022/02/13 Page 1 of 2

Appendix-1 (50600165 ITL) Schedule of Scope to Certificate of Approval

| Test Items | Standard/Method |
|---|---|
| I-V Probe station | WI-LQ-0120 Probe station Work Instruction |
| InGaAs microscope/Optical Beam Induced Resistance Change (OBIRCH) | WI-LQ-0313 Meridian Work Instruction |
| SAT (Scanning Acoustic Tomography) | WI-LQ-0320 SAT Work Instruction |
| 3D X-ray | WI-LQ-0324 3D X-ray Work Instruction |
| Secondary Electron Microscope (SEM) | WI-LQ-0302 SEM Work Instruction |
| Electrostatic Discharge (ESD) / Latch-up (Heating by Thermo stream) | HBM: ANSI/ESDA/JEDEC JS-001/JESD22-A114 / AEC-Q100-002 / MIL-STD-883 MM: JED22-A115 / AEC-Q100-003 CDM: ANSI/ESDA/JEDEC JS-002 / JESD22-C101 / AEC-Q100-011 Latch-up : JESD78 / AEC-Q100-004 |
| High Temperature Operating Life (HTOL) | JESD22-A108 |
| Bias Life Test (BLT) | JESD22-A108 |
| Early Failure Rate (EFR) | JESD22-A108 |
| High Temperature Storage Life (HTSL) | JESD22-A103 |
| Low Temperature Storage Life (LTSL) | JESD22-A108 |
| Highly Accelerated Temperature And Humidity Stress Test (HAST) | JESD22-A110 |
| Unbiased HAST | JESD22-A118 |
| Pressure Cook Test (PCT) | JESD22-A102 |

This schedule is only valid in conjunction with the referenced Certificate of Approval
This approval and any schedule(s) may only be reproduced in full.
This approval is not transferable and remains the property of the issuing body.
The Status and authenticity of this approval and any schedule(s) may be verified by visiting the
Official IECQ Website. www.iecq.org

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





IEC QUALITY ASSESSMENT SYSTEM (IECQ)

covering Electronic Components,
Assemblies, Related Materials and Processes

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

Schedule of Scope to Certificate of Conformity Independent Testing Laboratory

IECQ Certificate No.: IECQ-L ULTW 17.0001-01

CB Certificate No.: 50600165 ITL

Schedule Number: IECQ-L ULTW 17.0001-01-S Rev No.: 3 Revision Date: 2022/02/13 Page 2 of 2

| | |
|---|--|
| Temperature Cycling Test (TCT) | JESD22-A104 |
| Thermal Shock Test (TST) | JESD22-A106 |
| Precondition | IPC/JEDEC J-STD-020D Level 3, JESD22-A113 |
| Temperature and Humidity with Bias Test (THB) | JEDEC-22A-101 MIL-STD-810/883 AEC-Q100; AEC-Q101; AEC-Q200 |

Technical Reviewer of DQS: Michael Chou Date: 02/13/2022

This schedule is only valid in conjunction with the referenced Certificate of Approval
This approval and any schedule(s) may only be reproduced in full.
This approval is not transferable and remains the property of the issuing body.
The Status and authenticity of this approval and any schedule(s) may be verified by visiting the
Official IECQ Website. www.iecq.org

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

