



Schedule of Scope to Certificate of Approval 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.: 4 Revision Date: 2023/01/05 Page 1 of 2

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

Test Items	Standard/Method
I-V Probe station	WI-LM-0120
InGaAs microscope/Optical Beam Induced Resistance Change (OBIRCH)	WI-LM-0121
Scanning Acoustic Tomography (SAT)	WI-LM-0333
3D X-ray	WI-LM-0324
Secondary Electron Microscope (SEM)	WI-LM-0302
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: 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





Schedule of Scope to Certificate of Approval 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.: 4 Revision Date: 2023/01/05 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

Technical Reviewer of DQS: Michael Chou Date: 01/05/2023

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

