



# IEC QUALITY ASSESSMENT SYSTEM (IECQ)

covering Electronic Components,  
Assemblies, Related Materials and Processes

For rules and details of the IECQ visit [www.iecq.org](http://www.iecq.org)

## Schedule of Scope to Certificate of Conformity

### Independent Testing Laboratory

IECQ Certificate No.: IECQ-L ULTW 18.0001

CB Certificate No.: 20002839 ITL

Schedule Number: IECQ-L ULTW 18.0001-S

Rev No.: 3

Revision Date: 2021/05/03

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## 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
Electrostatic Discharge test (ESD-HBM/MM)	MIL-STD-883H Method 3015.8(HBM), ANSI/ESDA/JEDEC JS-001 AEC-Q100-002(HBM) JESD22-A115 AEC-Q100-003(MM)
Electrostatic Discharge test (Latch-up)	ESD78D
High Temp Operating Life (HTOL)	JESD22-A108 AEC-Q100;AEC-Q101;AEC-Q200
Precondition test / Moisture Sensitivity Level (MSL)	IPC/JEDEC J-STD-002
Reflow	IPC/JEDEC J-STD-002
High Temperature Storage test (HTST)	JESD22-A103
Low Temperature Storage test (LTST)	IEC 60068-series MIL-STD-810/883 AEC-Q100;AEC-Q101;AEC-Q200
Accelerated Moisture Resistance-Unbiases (Unbiased HAST)	JESD22-A110 MIL-STD-810/883 AEC-Q100;AEC-Q101;AEC-Q200
Highly Accelerated Stress test (HAST)	JESD22-A118 MIL-STD-810/883 AEC-Q100;AEC-Q101;AEC-Q200
Pressure Cooker test (PCT)	JESD22-A102
Temperature Cycle test (TC)	JESD22-A104 MIL-STD-810/883 AEC-Q100;AEC-Q101;AEC-Q200
Temperature and Humidity test (THT)	IEC 60068-series

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



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Description test	Standard
	MIL-STD-810/883 AEC-Q100;AEC-Q101;AEC-Q200
Temperature and Humidity with Bias test (THB)	JESD22-A101 MIL-STD-810/883 AEC-Q100;AEC-Q101;AEC-Q200
Surface Mount Technology (SMT)	IPC/JEDEC J-STD-020 IPC-A-610;IPC-7525
Vibration test	JESD22-B103 IEC-60068-series MIL-STD-810/883 AEC-Q100;AEC-Q101;AEC-Q200
Shock test	JESD22-B110; JESD22-B111 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 Microscop (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: 5/3/2021

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