



## Schedule of Scope to Certificate of Approval

### Independent Testing Laboratory

IECQ Certificate No.: IECQ-L ULTW 21.0003

CB Certificate No.: 50600408 ITL

Schedule Number: IECQ-L ULTW 21.0003-S

Rev No.: 2

Revision Date: 2022/06/19

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## Appendix-1 (50600408 ITL)

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Test Technology 測試項目	Test Method 測試標準
Electrostatic Discharge (ESD) Test - Human Body Model (HBM) 人体模型静电敏感度试验	ANSI/ESDA/JEDEC JS-001 AEC-Q100-002 MIL-STD-883L-2017 method 3015.9 AEC-Q101-001 -REV-A 2005 GJB 548B-2005 方法 3015
Electrostatic Discharge (ESD) Test - Charged Device Model (CDM) 充电器件模型静电敏感度试验	ANSI/ESDA/JEDEC JS-002 AEC-Q100-011 AEC-Q101-005 July 18 2005
IC Latch-Up Test 集成电路门锁测试	JEDEC JESD78F-2022
Temperature, Bias, And Operating Life (HTOL, LTOL, HTGB, HTRB) 温度 偏压 寿命试验	JEDEC JESD22-A108 AEC Q100-005
Steady-State Temperature-Humidity Bias Life Test (THB) 恒定温湿度偏压寿命试验	JEDEC JESD22-A101
Highly Accelerated Temperature and Humidity Stress Test (HAST) 高加速温湿度应力试验	JEDEC JESD22-A110
High Temperature Storage Life (HTSL) 高温存储寿命试验	JEDEC JESD22-A103
Temperature Cycling (TC) 温度循环试验	JEDEC JESD22-A104
Accelerated Moisture Resistance - Unbiased Autoclave (PCT) 高压蒸煮试验	JEDEC JESD22-A102
Low Temperature Storage Life (LTSL) 低温存储寿命试验	JEDEC JESD22-A119

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





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Power and Temperature Cycling (PTC) 功率和温度循环	JEDEC JESD22-A105
Early Life Failure Rate (ELFR) 早夭测试	AEC Q100-008 , JEDEC JESD22-A108
Preconditioning of Nonhermetic Surface Mount Devices Prior to Reliability Testing (Pre-con) 非密封表面贴装器件可靠性测试前的预处理	JEDEC JESD22-A113 , JEDEC J-STD-020
3D Optical Microscope (3D OM) 3 维数字光学显微镜	JF-WI-141
X-RAY microscope X-射线	JF-WI-023
Scanning Acoustic Tomography (SAT) 超声波扫描	JF-WI-025
Laser 镭射	JF-WI-007
InGaAs microscope 砷化镓微光显微镜	JF-WI-038
Optical Beam Induced Resistance Change (OBIRCH) 镭射加热扫描定位	JF-WI-097
Thermal 热影像分析仪	JF-WI-040
IV cure tracer 曲线追踪仪测试	JF-WI-029
Probe 射频探针	JF-WI-030
Reactive-Ion Etching RIE 气体蚀刻	JF-WI-098

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Grinder 研磨	JF-WI-146
Secondary Electron Microscope (SEM) 扫描电镜-8100	JF-WI-026
Secondary Electron Microscope (SEM) 扫描电镜-Apreo2C	JF-WI-039
Dual Beam Focused Ion beam (Dual Beam FIB) 双束离子束 (G4)	JF-WI-027
Focused Ion beam (FIB) 聚焦离子束- Helios 5	JF-WI-136
Focused Ion beam (FIB) 聚焦离子束线路修补-CKT	JF-WI-094
Transmission electron microscope (TEM) 透射电镜-Talos F200i	JF-WI-135

Technical Reviewer of DQS: Michael Chou Date: 6/19/2022

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