



IECQ QUALITY ASSESSMENT SYSTEM (IECQ)

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

IECQ Certificate of Approval Independent Testing Laboratory

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| IECQ Certificate No.: | IECQ-L ULTW 16.0003-10 | Issue No.: | 3 | Status: | Current |
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The organization, facilities and procedures have been assessed by the IECQ Certification Body in accordance with IECQ 03-1 and IECQ 03-6 for issuance of this certificate and found to be in conformity with the applicable requirements of the IECQ Independent Testing Laboratory Assessment Program Requirements Scheme and in respect of ISO/IEC 17025:2017 for the testing of component product under the IECQ.

Scope:

The provision of materials analysis and failure analysis services of semiconductors.
See attached Schedule.

-- Attached Schedule: IECQ-L_ULTW_50600529 ITL, 06-01-25.pdf --

Approved by Certification Body (CB): DQS Group - DQS Taiwan Inc.

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Taiwan

Authorized person:
Bob CHEN



The validity of this certificate is maintained through on-going surveillance audits by the IECQ CB issuing this certificate.

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Schedule of Scope to Certificate of Approval Independent Testing Laboratory

IECQ Certificate No.: IECQ-L ULTW 16.0003-10

CB Certificate No.: 50600529 ITL

Schedule Number: IECQ-L ULTW 16.0003-10-S Rev No.: 3 Revision Date: 2025/06/01 Page 1 of 1

Appendix-1 (50600529 ITL)

Schedule of Scope to Certificate of Approval

| Tests | Standards/Procedures |
|---|----------------------|
| Transmission Electron Microscope (TEM) | T-TEM-3 |
| Scanning Electron Microscope (SEM) | T-SEM-3 |
| Energy Dispersive Spectrometry of X-ray (EDS) | T-TEM-3 / T-SEM-3 |
| Focused Ion Beam microscope (FIB) | T-FIB-3 |
| X-Ray | T-EFA-3 |
| EMMI-InGaAs | T-EFA-3 |
| Optical Beam Induced Resistance Change (OBIRCH) | T-EFA-3 |
| Scanning Acoustic Tomography (SAT) | T-EFA-3 |
| Optical Microscope (OM) | T-OMI-3 |
| 3D Optical Microscope (3D OM) | T-LAB-3 |
| Chemical Treatment | T-LAB-3 |
| THEMOS | T-EFA-3 |
| 3D X-Ray microscopy | T-EFA-3 |

Technical Reviewer of DQS: Paul Yang Date: 06/01/2025

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