



Schedule of Scope to Certificate of Approval Independent Testing Laboratory

IECQ Certificate No.: IECQ-L DEKRA 16.0002-01

CB Certificate No.: DEKRA-T5B-003

Schedule Number: IECQ-L DEKRA 16.0002-01-S Rev No.: 6 Revision Date: 2025/07/20 Page 1 of 2

Environmental and Reliability Testing of Electronic Components, Assemblies, and Related Materials

| Description test | Standard | Remarks |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Consumer / Commercial / Industrial (JESD 47) and Automotive / Military accelerated environment reliability stress tests (Including: Pre-condition / MSL / Accelerated Temperature-Humidity test / Temperature-Humidity with bias test / Temperature Cycling test / Power and temperature cycling / Temperature storage test / IOL / Salt) | J-STD-020, JESD22-A101/A102/ A106/A107/A110/A113/A118/A119; IEC- 60068-2-1/2/3/14/ 38/52, MIL-STD-202/750/810/883, JESD JP001; EIA-364-32C, EIAJ ED-4701, AEC-Q200- 001 /004; AEC-Q005/Q006, | Or customer specified test |
| Consumer/ Commercial / Industrial (JESD 47) and Automotive / Military accelerated lifetime simulation tests. (Including : Temperature, Bias, and Operating Life test / early life failure rate / Endurance and Data retention test / Electro- Migration / Short circuit / Miscellaneous test / Gate Leakage test) | JESD22-A108/A117, JESD61, MIL-STD-202/750/810/883, AEC-Q100-005/006/008/012, AEC-Q101-004/006, Customer standards | Or customer specified test |
| Failure and material analysis of semiconductor IC (TEM / SEM / DUAL BEAM FIB), electronic components and PCB/PCBA, including FIB (Focused Ion Beam), Electrical Analysis, Sample Preparation (Decap, X- section, etc), NDE (Non-destructive Engineering), Physical & Chemical Analysis (Including Hazardous Substances) and IC package. | IPC-TM-650, IPC-610, J-STD-020, JEDEC-C201, EIA-469, IEC62321, EN14582, ISO_21270, ASTM_E827 ISO_29301, ISO/DIS 25498 ISO_15472, ISO_24237 ISO_10810 | Or customer specified test |
| Consumer / Commercial / Industrial (JESD 47) and Automotive / Military electromagnetic compatibility and electrostatic discharge test. (Including : HBM / MM / CDM / Latch Up / ESD Gun) | IEC 61967/1-3, JESD22-A114/A115/C101, EIA/JESD78, ANSI JEDEC ESDA JS001/JS002; ISO-10605, AEC-Q100-002/003/004/011, AEC-Q101-001/002/005, AEC-Q200-002, JEITA ED4701; IEC61000- 4-2, MIL-STD-202/750/810/883 | Or customer specified test |

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

DEKRA Certification B.V. Meander 1051, Arnhem. Netherlands





Schedule of Scope to Certificate of Approval **Independent Testing Laboratory**

IECQ Certificate No.: IECQ-L DEKRA 16.0002-01

CB Certificate No.: DEKRA-T5B-003

Schedule Number: IECQ-L DEKRA 16.0002-01-S Rev No.: 6 Revision Date: 2025/07/20 Page 2 of 2

| | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Consumer / Commercial / Industrial (JESD 47) and Automotive / Military 2nd level integration platform service. (Including : Temperature Cycling test / Temperature-Humidity test / Bending(9point) / Pull and Push test / Solderability / Press / Shear / Hardness / RCA / Durability / Peeling / Terminal Strength / Resistance to Solvents / Resistance to Solder Heat / Hermeticity / Printed Wiring Board Strain Gage Test / Mechanical Compressive Static Stress Test) | IPC-9701/9702/9704/9707/9708/A-610, JESD22-A101/A104/A106/A109/A111/B100/B105/B106/B107/B108/B113/B115/B116/B117/B119; EIAJ ED-4702, EIA-364-09/13; AEC-Q007, AEC-Q100-001/010; AEC-Q101-003, AEC-Q104, AEC-Q200-003/005/006; MIL-STD-202/750/810/883, J-STD-002/003; ASTM D3363, ASTM F2357; SEMI G86-0217, IEC 60068-2-21; IEC-60068-2-14; IPC-TM-650, | Or customer specified test |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|

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

DEKRA Certification B.V. Meander 1051, Arnhem. Netherlands

