

Certificate

NF1106240010

TUV NORD Taiwan Co., Ltd. hereby certifies to

SiliconAuto Taiwan CO., LTD.

3F., No. 1, Innovation Road II, Hsinchu Science Park, Hsinchu 300, Taiwan
9F., No. 32, Jihu Rd., Neihu Dist., Taipei City 114, Taiwan
No. 7, Kujiang St., Yancheng Dist., Kaohsiung City 803, Taiwan

that the Functional Safety processes
meet the requirements listed in the below mentioned standards

- ISO 26262 part 2: 2018 - Management of functional safety
- ISO 26262 part 4: 2018 - Product development at the system level
- ISO 26262 part 5: 2018 - Product development at the hardware level
- ISO 26262 part 6: 2018 - Product development at the software level
- ISO 26262 part 8: 2018 - Supporting processes
- ISO 26262 part 9: 2018 - Automotive safety integrity level (ASIL)-oriented and safety-oriented analyses

Base of the certification, the report of TWR2304033 001 in the valid version.
The process is applicable up to ASIL D

Valid until: 2029-08-11

Taipei, 2024-08-12


Certification Department



Product Certification
PC 094



CERTIFICATE NO.: FS/71/220/25/1770

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LICENCE HOLDER

SILICONAUTO TAIWAN CO., LTD.

**3F., NO.1, INNOVATION ROAD II,
HSINCHU SCIENCE PARK,
HSINCHU 300092, TAIWAN (R.O.C)**

**4F., NO.246, SEC. 1, NEIHU RD.,
NEIHU DIST., TAIPEI CITY 114661,
TAIWAN (R.O.C.)**

Project-No/-ID

LICENSED TEST MARK

Report No.

U421



U4210001

Tested according to ISO 26262-5: 2018 (Clause 8 and 9)

Certified Product(s) **XMicro-1 Microcontroller**
Version: 1.0

**Technical
Data/Parameter**

The above-mentioned product has been approved based on the safety assessment of a reference configuration (see certification report for details).
The architectural metrics SPFM (Single Point Fault Metric), LFM (Latent Fault Metric) and PMHF (Probabilistic Metric for random Hardware Failures) are in conformance **with ASIL B** target values.

**Specific
Requirements**

The certificate is for type approval and based on a detailed functional safety assessment. Any changes to the design, materials, components or processing may require repetition of some of the assessment steps in order to retain type approval. The certificate report is an integral part of this certificate. All requirements and specifications of the current valid revision of this report shall be met.

**Certification Body
for Functional Safety
SGS-TÜV Saar GmbH**

Puchheim, April 28th, 2025



The validation status is documented via SGS Certification Database.



The test mark regulation is an integral part of this certificate.

Liu Min
i.V. Liu Min

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