

CERTIFICATE NO.: T 511220/24/1352

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LICENCE HOLDER:

GigaDevice Semiconductor Inc.

101, 1ST TO 5TH FLOOR, BUILDING 3, NO. 2

FENG HAO STREET, HUIYUAN INDUSTRIAL ZONE

BEIJING, P.R.CHINA



Project NO.: V1TL

LICENSEE ESTIMATE

Report NO.

V1TL



V1TL0001

Tested according to: ISO 26262-5:2018 (Functional Safety)

Certified Product: GD2B50F5 SoC for AUTOSAR P256, P257, P258, P259

Technical Data/Parameter

The above-mentioned product has been approved based on the safety assessment of a reference functional safety certification report for details.

The architectural metrics SDFM (Single Point Fault Metric) and LFM (Latent Fault Metric) as well as the estimated FMHF (Probabilistic Failure in Mission Hours) have been confirmed to conform with ASIL D target values.

Specific Requirements

The product is to be approved through a functional safety assessment. Any changes to the design, materials, components or processes may require re-evaluation of the assessment and may lead to a new type approval. The certificate holder is responsible for ensuring that all requirements and specifications mentioned in this certificate and in this report shall be met.

Certification Body:
for Functional Safety,
SGS-TÜV Saar GmbH

Publication No.: 2024



[Signature]
Marcus Baur

The validation status is documented in the Certification Database.

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

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