

CERTIFICATE NO.: S71122012401332

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LICENCE HOLDER:

GigaDevice Semiconductor Inc.

107, 1ST FLOOR, FENGCHAO CHANGYUAN HAIDIAN DISTRICT, BEIJING, P.R.CHINA

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Project No.: S71122012401332

TESTED TEST MARK

INSPECTION

V1TL



V1TL 000%

Tested according to: ISO 26262-5: 2018 (6.0 years P or 1.0)

Certified Technical

SGD2055 Serial NOR Flash Memory

Technical

Data/Parameters

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

The architecture contains SPI, I2C, and UART interfaces and LFM (Local Flash Memory) as well as the integrated FMC (Flash Memory Controller) Metric for random hardware failures are in compliance with ASIL D target values.

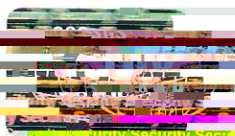
Specific

Requirements

The certification is for type approval and based on a detailed functional safety assessment of the hardware and software materials, components and processing. Major components and materials are assessed in accordance with the requirements of the certification. The certification is an integral part of this certificate. All requirements of the standard are fulfilled. The certification is valid for this product only.

Certification Body
for Functional Safety
SGS TÜV Saar GmbH

Reckheim, Nov. 8th, 2024



Signature

The validation result is documented in the
Certification Database.

The test mark is an integral part of this Certificate.

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