

CERTIFICATE NO. 17 311 220/24/11332 PAGE 11

LICENCE HOLDER...

GigaDevice Semiconductor Inc.
107, 1ST FLOOR, BUILDING A'02
FENGHUO TOWER, HAITIANMENG DISTRICT,
BEIJING, P.R.CHINA

Project NO. 17 311 220/24/11332

V1TL



V1TL 0003

Tested according to IEC 61508-3:2010 (Class B and C)

Certified Product: 32-bit ARM Cortex-A9 Processor Family

Technical Data/Parameters

The above-mentioned product has been approved based on the safety assessment of a reference configuration (see certificate report for details).
The architectural method SDFP (Single Event Fault Protection) (Latching and non-latching) has been assessed by TUV. (Technical level: Metric functional hardware. Functional error in configuration: 10^-6 ASIL D, 10^-7 ASIL C values.)

Specific Requirements

The certificate is only valid if the user adheres to the actual user functional safety assessment. The user must ensure that the materials, components or processes used in the manufacturing of the product are assessed in accordance with the requirements of the certificate and are an integral part of this certificate. All requirements and specifications of the current version of this report shall remain in effect.

Certification Body:
for Functional Safety
SGS TUV SAAR

Neckheim, Nov. 8th, 2024



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