

CERTIFICATE NO.: FS/71/220/21/0797

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LICENCE HOLDER

**ARM INC.
110 FULBOURN ROAD CAMBRIDGE
GB-CB1 9NJ CAMBRIDGE
UNITED KINGDOM**

Project-No/-ID

LICENSED TEST MARK

Report No.

M3W9



**M3W90002
M3W90004**

Tested according to

ISO 26262:2018 and IEC 61508:2010

Certified Product(s)

Cortex-M23 Processor (Version r1p0)

**Technical
Data/Parameter**

The product was approved based on the functional safety assessment of a Safety Element out of Context (SEooC), which included the ISO 26262 and IEC 61508 compliant development process and the qualitative approach with respect to hardware safety analysis. The relevant parts of ISO 26262:2018 and IEC 61508:2010 are mentioned in the technical reports.

**Specific
Requirements**

The evaluation of the applied development process of ARM Cortex-M23 resulted in ASIL D capability with respect to ISO 26262 and SIL 3 capability with respect to IEC61508 for the avoidance of systematic faults. The requirements and constraints mentioned in the Cortex-M23 Safety manual shall be considered by the integrator of the processor. The certificate reports are an integral part of this certificate. Changes which are not covered in the reports have to be reconsidered.

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

Munich, December 15th, 2021



Marcus Rau

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

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