



CERTIFICATE

Functional Safety

The Software Test Library (STL) for Cortex-A72 has undergone a functional safety assessment to the ISO 26262:2018 series of standards, resulting in a recommendation for acceptance. Therefore the

STL for Cortex-A72

of ARM, UK,

is judged to support the achievement of functional safety as a SEooC.

Baseline of the product:

Cortex-A72 STL version r0p0; for the Cortex-A72 HW CPU version r0p3.

Systematic development according (Automotive) Safety Integrity Level: ASIL D / SIL 3

Note: The achievement of the quantitative target values was not the subject of the assessment.

Assessment process:

The functional safety assessment was carried out according to the KUGLER MAAG CIE GmbH inspection process. Additionally, a check against the IEC 61508 2nd Edition requirements was performed.

Assessment report:

FS_Assessment_Report_4920469_ARM_A72_STL_20240208_A

Assessing organization: KUGLER MAAG CIE GmbH
Leibnizstraße 11
D-70806 Kornwestheim

Level of independence: I3

Assessor: Alexander de Jong

Assistant: Bettina Messerschmidt

Certificate number: 2024-KMC-002

08th of February 2024
Date

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Assessor