



CERTIFICATE

Functional Safety

The Software Test Library (STL) for Cortex-A53 has undergone a functional safety assessment according to the ISO 26262:2018 series of standards, resulting in a recommendation for acceptance. Therefore the

STL for Cortex-A53

of ARM, UK,

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

Baseline of the product:

Cortex-A53 STL version r1p0; for the Cortex-A53 HW CPU version r0p4.

Systematic development according Automotive Safety Integrity Level: ASIL D

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 accredited by the Deutsche Akkreditierungsstelle GmbH (DAkKS, German Accreditation Body).

Assessment report: FS_Assessment_Report_O4922198_ARM_A53_20230320

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


Level of independence: I3

Assessor: Alexander de Jong

Assistant: Fabian Mueller

Certificate number: 2022-KMC-008

27th of April 2023
Date


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Assessor