CERTIFICATE
Functional Safety

The Software Test Library (STL) for Cortex-R52+ 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-R52+

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

Baseline of the product:
Cortex-R52+ STL version r0p1 (EAC) for the Cortex-R52+ HW CPU version r0p0 and r0p1.

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_4921183_ARM_STL_R52_20220516_A

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

Level of independence: I3

Assessor: Alexander de Jong

Assistant: Sebastian Schröder
Bettina Messerschmidt

Certificate number: 2022-KMC-002

16th of May 2023
Date

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Assessor

KUGLER MAAG CIE