CERTIFICATE
Functional Safety

The Software Test Library (STL) for Cortex-A78AE 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-A78AE of Arm®, Ltd

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

Baseline of the product:
Cortex-A78AE STL version r0p1; for the Cortex-A78AE HW CPU version r0p2.

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_4923008_ARM_STL_A78AE_20230828_D

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

Level of independence: l3

Assessor: Remigiusz Machlanski

Assistant: Sebastian Schröder

Certificate number: 2023-KMC-013

11th of September 2023   i.A. ....
Date   Assessor

KUGLER MAAG CIE