



# 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 2<sup>nd</sup> Edition requirements was performed.

**Assessment report:** FS\_Assessment\_Report\_4923008\_STL\_for\_Cortex-A78AE\_of\_Arm\_LTD\_20230828\_F

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

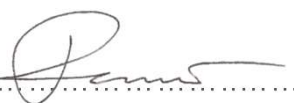
**Level of independence:** I3

**Assessor:** Remigiusz Machlanski

**Assistant:** Sebastian Schröder

**Certificate number:** 2023-KMC-013

11th of September 2023  
Date

i.A.   
Assessor