



# CERTIFICATE

## Functional Safety

The Software Test Library (STL) for Cortex-A55 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-A55

of ARM, UK,

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

### Baseline of the product:

Cortex-A55 STL version r0p0; for the Cortex-A55 HW CPU version r2p0.

**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\_O4922443\_ARM\_STL\_A55\_20230516

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

**Level of independence:** I3

**Assessor:** Alexander de Jong

**Assistant:** Alexander Levin  
Fabian Mueller

**Certificate number:** 2022-KMC-026

16<sup>th</sup> of May 2023



.....*A. de Jong*.....  
Assessor

