CERTIFICATE
Functional Safety

The STL for 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 A53

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

Baseline of the product:
STL A53 version r1p0; for the HW CPU A53 version r0p4.

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_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

21st of April 2023
Date

i.A.
Assessor

KUGLER MAAG CIE