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Certificate Number : ICCN0273

Date of issuance 22 Jun 2020

Expiry Date: 22 Jun 2024

Company: Samsung Electronics Co., Ltd.

Address: 1-1, Samsungjeonja-ro
Hwaseong-si
Gyeonggi-Do 445-330 Republic of Korea

Master Component: S3D384C

Hardware Revision: Rev. 1 & 2

Child Lot 1: S3D352C

Child Lot 2: S3D300C

Child Lot 3: S3D264C

Child Lot 4: S3D232C

Child Lot 5: S3K384C

Manufacturing site(s): Samsung Giheung (line S1), Yongin City, South Korea

Firmware name / version: Test ROM Code, v1.0 (out of the TOE)

Crypto. library name / version: AT1 secure RSA/ECC/SHA library v4.02 & v4.03

Other libraries name / version: Optional DTRNG FRO M library v2.2/v2.3 & v3.1/v3.2

Bootloader name / version: Secure Boot loader code v0.3

Security Laboratory: Leti

Conditions of Certification: Guidance document(s) must be followed.

Signed by:

Alan Mushing, SEWG Chair
EMVCo, LLC

Disclaimer: Although the secure implementation of any security mechanisms and product functionalities may be evaluated, the EMVCo Security Evaluation Process does not validate the cryptographic algorithms, methods and protocols themselves nor the absence of flaws or defects in the specifications used for product development.

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User Guidance Documents:

- S3D384C/S3D352C/S3D300C/S3D264C/S3D232C/S3K384C HW DTRNG FRO M and DTRNG FRO M Library Application Note, v1.3 (for lib v2.3), 9 Apr 2021
- S3D384C/S3D352C/S3D300C/S3D264C/S3D232C/S3K384C HW DTRNG FRO M and DTRNG FRO M Library Application Note, v1.4 (for lib v2.2), 20 Jun 2023
- S3D384C/S3D352C/S3D300C/S3D264C/S3D232C/S3K384C HW DTRNG FRO M and DTRNG FRO M Library Application Note, v2.0 (for lib v3.2), 9 Apr 2021
- S3D384C/S3D352C/S3D300C/S3D264C/S3D232C/S3K384C HW DTRNG FRO M and DTRNG FRO M Library Application Note, v2.1 (for lib v3.1), 20 Jun 2023
- AT1 RSA/ECC/SHA Library API Manual for AT1 secure RSA/ECC/SHA library v4.02, v4.06, 26 Jun 2023
- AT1 RSA/ECC/SHA Library API Manual for AT1 secure RSA/ECC/SHA library v4.03, v4.11, 26 Jun 2023
- S3D384C Series - Hardware User's manual, v0.05, October 2020
- Security Application Note for S3D384C family, v0.8, 8 Jun 2023
- S3D384C/S3D352C/S3D300C/S3D264C/S3D232C/S3K384C Chip Delivery Specification (H/W version: Rev 1), v0.4, March 2022
- S3D384C Series Bootloader Specification, v0.3, 27 May 2020
- SC000 Reference Manual, v0.0, 13 Oct 2016

Certification Reference Documents:

- EMVCo Security Evaluation Process, v5.3, December 2022
- Security Guidelines for Smart Card Integrated Circuits, v2.2, December 2022.

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