

Please accept this document as confirmation of the EMVCo Security Evaluation Process.

Certificate Number : ICCN0268

Date of issuance 12 Nov 2019

Expiry Date: 12 Nov 2024

Company: Samsung Electronics Co., Ltd.

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

Master Component: S3K200B

Hardware Revision: Rev. 0

Child Lot 1: S3K170B

Child Lot 2: S3K140B

Child Lot 3: -

Child Lot 4: -

Child Lot 5: -

Manufacturing site(s): Samsung Giheung (Fab 6), Yongin-City, South Korea

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

Crypto. library name / version: Optional AT1 Secure RSA/ ECC/SHA Library v2.04, v2.05 & v4.03

Other libraries name / version: Optional DTRNG FRO M library v1.4, v2.1 & v2.2, EHP DTRNG FRO library v1.1, v2.1 & v2.2

Bootloader name / version: Secure Bootloader & System API Code v0.0

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.

The ICCN number must be mentioned to all vendors or when shipping the product. The use of the ICCN number is limited to the product as detailed below. Please also reference the ICCN number in any communication with EMVCo.

The EMVCo Security Evaluation Process is intended to provide valuable and practical information relating to the general security performance characteristics and the suitability of use for smart card related products and IC chip-based tokens. The EMVCo Security Evaluation Process is designed to ensure a robust security foundation for these products at the product family and component level. The EMVCo Security Evaluation Process is an evolving process in relation to new attack techniques and technology. EMVCo therefore reserves the right to perform new/random security testing throughout the lifetime of the card which may impact certification. The full terms and conditions upon which EMVCo Compliance Certificates are issued by EMVCo are contained in the EMVCo Security Evaluation Process Document and the EMVCo Security Evaluation Certification Contract.

User Guidance Documents:

- S3K200B HW DTRNG FRO M and DTRNG FRO M Library Application Note, v1.5, 5 Oct 2023 (for Lib v1.4)
- S3K200B HW DTRNG FRO M and DTRNG FRO M Library Application Note, v2.3, 5 Oct 2023 (for Lib v2.1)
- S3K200B HW DTRNG FRO M and DTRNG FRO M Library Application Note, v2.11, 5 Oct 2023 (for Lib v2.2)
- S3K200B HW DTRNG FRO M and EHP DTRNG FRO M Library Application Note, v1.5, 5 Oct 2023 (for Lib v1.1)
- S3K200B HW DTRNG FRO M and EHP DTRNG FRO M Library Application Note, v2.3, 5 Oct 2023 (for Lib v2.1)
- S3K200B HW DTRNG FRO M and EHP DTRNG FRO M Library Application Note, v2.11, 5 Oct 2023 (for Lib v2.2)
- AT1 RSA/ECC Library API Manual, v3.024, 6 Oct 2023 (for AT1 Lib. v2.04)
- AT1 RSA/ECC Library API Manual, v3.032, 6 Oct 2023 (for AT1 Lib. v2.05)
- RSA/ECC/SHA Library API Manual for S3D384C/S3D350A family, v4.14, 6 Oct 2023 (for Lib. v4.03)
- S3D350A Series User's manual, v0.94, 10 Sep 2019
- Security Application Note for S3K200B family, v0.6, 25 Oct 2022
- S3K200B/S3K170B/S3K140B Chip Delivery Specification, v0.2, September 2019
- S3D350A Series Boot Loader Specification, v1.5, 4 Mar 2019
- S3D350A Series System API Application Note, v0.91, 13 Dec 2018
- 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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