

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

Certificate Number : ICCN0304

Date of issuance 31 Aug 2023

Expiry Date: 31 Aug 2024

Company: Samsung Electronics Co., Ltd.

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

Master Component: S3NSN6H

Hardware Revision: Rev. 0

Child Lot 1: -

Child Lot 2: -

Child Lot 3: -

Child Lot 4: -

Child Lot 5: -

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

Firmware name / version: Test ROM Code v1.0

Crypto. library name / version: -

Other libraries name / version: DTRNG FRO M library v1.1

Bootloader name / version: Secure Boot loader & System API Code v1.0

Security Laboratory: Leti

Conditions of Certification: User 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:

- HW DTRNG FRO M and DTRNG FRO M Library v1.1 Application Note, S3NSN6H_DTRNG_FRO_M_AN, v1.0, 12 Dec 2022
- Hardware User's manual, S3NSN6H_UM, v0.2, February 2023
- Security Application Note, SAN_S3NSN6H, v0.4, 17 Aug 2023
- Chip Delivery Specification, DeliverySpec_S3NSN6H, v1.01, August 2023
- Bootloader User's Manual, S3NSN6H_TN01_Bootloader_Specification, v0.1, 26 Sep 2022
- System API Application Note, S3NSN6H_AN01_SystemAPI, v1.0, 4 Nov 2022
- SC300 Reference Manual, v0.0, 12 May 2014

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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