

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

Certificate Number : ICCN0303

Date of issuance 11 Aug 2023

Expiry Date: 11 Aug 2024

Company: Samsung Electronics Co., Ltd.

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

Master Component: S3D384E

Hardware Revision: rev. 2

Child Lot 1: S3D352E

Child Lot 2: S3D300E

Child Lot 3: S3D264E

Child Lot 4: S3D232E

Child Lot 5: S3K384E

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

Firmware name / version: Test ROM Code v1.0

Crypto. library name / version: ATP1 secure RSA/ECC/SHA Library v2.00

Other libraries name / version: DTRNG FRO M library v1.3

Bootloader name / version: Secure Boot loader & System API Code v0.2

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:

- DTRNG FROM Application Note, v1.1, 25 May 2023
- ATP1 RSA/ECC/SHA Library API Manual, v2.01, 8 Nov 2022
- Hardware User's manual, v0.03, 19 May 2023
- Security Application Note, v0.4, 8 Jun 2023
- Chip Delivery Specification, v0.3, May 2023
- Boot Loader Specification, v0.1, 27 Oct 2022
- 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

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.