



EMVCo Product Approval (IC)

Please accept this document as confirmation of the EMVCo Security Evaluation process

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.

ICCN: ICCN0262

Date ICCN issued: 18 May 2018

ICCN Expiry Date: 18 May 2022

Company: Samsung Electronics Co., Ltd.

Master Component: S3NSEN4

Hardware Revision: Rev. 1

Child Lot 1: S3NSEN3

Child Lot 2: -

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: None

Other libraries name / version: DTRNG FRO M library v2.2, v3.3 & PTG.1 DTRNG FRO M library v1.4

Bootloader name / version: Secure Bootloader & System API Code v1.1

Security Laboratory: Leti

User Guidance:

- S3M2M5C HW DTRNG FRO M and DTRNG FRO M Library Application Note, v1.61, 8 Feb 2021
- S3M2M5C HW DTRNG FRO M and DTRNG FRO M Library Application Note, v2.0, 4 Feb 2021
- S3M2M5C S3NSEN4 HW DTRNG FRO M and DTRNG FRO M PTG.1 Library Application Note, v1.1, 4 Feb 2021
- S3NSEN4 User's manual, v0.3, 17 Apr 2019
- Security Application Note for S3M2M5C/S3M2M0C/S3M1M5C/S3NSEN4/S3NSEN3, v0.5, 30 Dec 2020
- S3NSEN4 Chip Delivery Specification, v1.0, February 2019
- Boot Loader Users' Manual for S3NSEN4, v1.0, 18 Feb 2019
- S3M2M5C Family System API Application Note, v1.0, 18 Feb 2019
- SC300 Reference Manual, v0.0, 12 May 2014

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

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 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.