IC Security Evaluation Certificate

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

Certificate Number : ICCN0321

Date of issuance 15 Dec 2025   **Expiry Date: 15 Dec 2026**

Company: Samsung Electronics Co., Ltd.

Address: 1-1, Samsungjeonja-ro

Hwaseong-si

Gyeonggi-Do   18448   Republic of Korea

Master Component: S3D420G

Hardware Revision: Rev. 0

Child Lot 1: S3D400G

Child Lot 2: S3D384G

Child Lot 3: S3D352G

Child Lot 4: S3D300G

Child Lot 5: S3K420G

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

Firmware name / version: Test ROM Code v1.0

Crypto. library name / version: ATP1 Secure RSA/ECC/SHA Library v3.04

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

Bootloader name / version: System API Code (in TOE but out of TSF) & Secure Boot loader v0.2

Security Laboratory: Leti

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

Authorized by: Alan Mushing
Security Evaluation Working Group Chair
EMVCo, LLC
Date: 22 Dec 2025

User Guidance Documents:

- S3D420G HW DTRNG FRO M and DTRNG FRO M Library v1.1 Application Note, v1.0, 22 Jul 2025

- RSA/ECC/SHA Library v3.04 API Manual, v3.03, 27 Nov 2025

- S3D420G FAMILY User's Manual, v1.2, 29 Oct 2025

- Security Application Note for S3D420G Family, v0.2, 28 Nov 2025

- S3D420G/S3D400G/S3D384G/S3D352G/S3D300G/S3K420G Chip Delivery Specification, v1.2, October 2025

- S3D420G FAMILY Bootloader Specification, v0.2, 26 Nov 2025

- SC000 Reference Manual v0.0, 13 Oct 2016

Certification Reference Documents:

- EMVCo Security Evaluation Process, v5.4, July 2024
- Security Guidelines for Smart Card Integrated Circuits, v2.2, December 2022