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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

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.

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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

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