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Certificate Number : ICCN0274

Date of issuance 03 Apr 2020

Expiry Date: 03 Apr 2026

Company: Infineon Technologies AG

Address: AM Campeon 1-15
Neubiberg 85579 Germany

Master Component: IFX_ECI_53h[01h-1Eh]

Hardware Revision: S11

Child Lot 1: IFX_ECI_54h[01h-14h]

Child Lot 2: IFX_ECI_5Ah[01h-09h]

Child Lot 3: IFX_ECI_5Bh[01h-03h]

Child Lot 4: -

Child Lot 5: -

Manufacturing site(s): Global Foundries, Singapore

Firmware name / version: BOS & POWS 80.310.03.0 & 80.310.03.1

Crypto. library name / version: SCL 2.11.003/2.15.000, ACL 3.02.000, 3.33.003, 3.34.000 & 3.35.001, HCL 1.13.002

Other libraries name / version: FL09.12.0003, HSL3.52.9708, UMSLC01.30.0564, NRG™05.03.4097, PFL09.10.90.9, RCL 1.10.007

Bootloader name / version: same as BOS & POWS

Security Laboratory: TÜVIT

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

Authorized by: Alan Mushing
Security Evaluation Working Group Chair
EMVCo, LLC

Date: 21 Apr 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.

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.

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User Guidance Documents:

- ACL37-Crypto2304T-C40 RSA/ECC/Toolbox (optional), v3.02.000, 16 Aug 2024
- ACL37-Crypto2304T-C40 RSA/ECC/Toolbox (optional), v3.33.003, 16 Aug 2024
- 32-bit Security Controller – V16, Hardware Reference Manual, v5.2, 21 Dec 2020
- 32-bit Security Controllers, SLx1/SLx3 Controller Family, Programmer's Reference Manual, v5.7, 19 Oct 2023
- 32-bit Security Controller –V16, Security Guidelines, v1.00-2662, 5 Oct 2020
- Production and personalization 32-bit ARM-based security controller, v09.12, 2 Mar 2023
- 32-bit Security Controller Crypto2304T V3, User Manual, v3.0, 21 Jun 2024
- HSL SLCx7V16 Hardware Support Library (optional), v3.52.9708, 25 Jan 2021
- UMSLC library for SLCx7 in 40nm, v01.30.0564, 30 Aug 2019
- SCL37-SCP-v440-C40 AES/DES/MAC (optional), v2.11.003, 16 Jun 2021
- SCL37-SCP-v440-C40 AES/DES/MAC (optional), v2.15.000, 20 Jul 2023
- ACL37-Crypto2304T-C40 RSA/ECC/Toolbox (optional), v3.34.000, 16 Aug 2024
- ACL37-Crypto2304T-C40 RSA/ECC/Toolbox (optional), v3.35.001, 15 Nov 2024
- HCL37-CPU-C40 Hash Crypto Library (optional), v1.13.002, 7 May 2020
- RCL37-X-C40 Random Crypto Library (optional), v1.10.007, 16 Jun 2020
- Performance Flash Loader, Supplement to Flash Loader V9, Application Note, SLx1/SLx3 (40 nm) family, v1.8, 14 May 2020

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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