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Certificate Number : ICCN0271

Date of issuance 03 Apr 2020

Expiry Date: 03 Apr 2025

Company: Infineon Technologies AG

Address: AM Campeon 1-15
Neubiberg 85579 Germany

Master Component: IFX_ECI_2Fh[9h-Ch]

Hardware Revision: T11

Child Lot 1: IFX_ECI_49h[1h-1Ah]

Child Lot 2: IFX_ECI_4Ah[1h-1Ch]

Child Lot 3: IFX_ECI_51h[1h-3h]

Child Lot 4: IFX_ECI_64h[1h-3h]

Child Lot 5: -

Manufacturing site(s): GlobalFoundries, Singapore

Firmware name / version: FL 09.10.0007 /09.12.0005, PFL 09.10.90.9, see Bootloader

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

Other libraries name / version: NRG 05.03.4097, HSL 3.52.9708, HCL 1.13.002, UMSLC 01.30.0564, RCL 1.10.007

Bootloader name / version: BOS & POWS 80.306.15.0, 80.306.16.0 & 80.306.16.1

Security Laboratory: TÜVIT

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

Authorized by: Alan Mushing, SEWG Chair
EMVCo, LLC

Date: 03 Apr 2024

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:

- 32-bit Security Controller – V11, Hardware Reference Manual, V6.2, 21 Dec 2020
- SLx1/SLx3(40 nm) Security Controllers, Programmer's Reference Manual, v5.7, 19 Oct 2023
- 32-bit Security Controller – V11, Security Guidelines, v1.00-2976, 19 Jun 2023
- Production and personalization 32-bit ARM-based security controller, v09.10, 23 Nov 2020 & v09.12, 2 Mar 2023
- 32-bit Security Controller Crypto2304T V3, User Manual, v2.1, 16 Dec 2022
- HSL SLCx7 40nm with ROM core (optional), v3.52.9708, 25 Jan 2021
- UMSLC library for SLCx7 in 40nm, v01.30.0564, 19 Jun 2019
- SCL37-SCP-v440-C40 Symmetric Crypto Library for SCP-v440 AES/DES/MAC (optional), v2.11.003, 16 Jun 2021
- SCL37-SCP-v440-C40 Symmetric Crypto Library for SCP-v440 AES/DES/MAC (optional), v2.15.000, 20 Jul 2023
- ACL37-Crypto2304T-C40 Asymmetric Crypto Library for Crypto2304T RSA/ECC/Toolbox (optional), v3.02.000, 21 Nov 2023
- ACL37-Crypto2304T-C40 Asymmetric Crypto Library for Crypto2304T RSA/ECC/Toolbox, v3.33.003, 21 Nov 2023
- ACL37-Crypto2304T-C40 Asymmetric Crypto Library for Crypto2304T RSA/ECC/Toolbox, v3.34.000, 21 Nov 2023
- RCL37-X-C40 Random Crypto Library for SCP-v440 & RNG-v3 DRBG/HWRNG, User interface manual, v1.10.007, 16 Jun 2020
- HCL37-CPU-C40 Hash Crypto Library for CPU SHA, User interface manual, v1.13.002, 7 May 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, v5.3, December 2022
- Security Guidelines for Smart Card Integrated Circuits, v2.2, December 2022

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