



EMVCo Product Approval (IC)

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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.
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ICCN: ICCN0274

Date ICCN issued: 03 Apr 2020

ICCN Expiry Date: 03 Apr 2022

Company: Infineon Technologies AG

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, HCL 1.13.002, RCL 1.10.007

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

Bootloader name / version: same as BOS & POWS

Security Laboratory: TÜVIT

User Guidance:

- 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, v4.6, 13 Oct 2020
- 32-bit Security Controller –V16, Security Guidelines, v1.00-2662, 5 Oct 2020
- Production and personalization 32-bit ARM-based security controller, v09.12, 3 Jul 2020
- 32-bit Security Controller Crypto2304T V3, User Manual, V2.0, 24 Apr 2019
- 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, 1 Jun 2021
- ACL37-Crypto2304T-C40 RSA/ECC/Toolbox (optional), v3.02.000, 7 Feb 2020
- ACL37-Crypto2304T-C40 RSA/ECC/Toolbox (optional), v3.33.003, 18 Mar 2021
- HCL37-CPU-C40 Hash Crypto Library (optional), v1.13.002, 7 Jul 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

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.