



EMVCo Product Approval (IC)

Please accept this document as confirmation of the EMVCo Security Evaluation process

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.

ICCN: ICCN0245

Date ICCN issued: 29 Aug 2016

ICCN Expiry Date: 29 Aug 2022

Company: NXP Semiconductors Germany GmbH

Master Component: P73N2M0

Hardware Revision: B0.2P2 and B0.2C2

Child Lot 1: -

Child Lot 2: -

Child Lot 3: -

Child Lot 4: -

Child Lot 5: -

Manufacturing site(s): GLOBALFOUNDRIES Singapore

Firmware name / version: P73 Firmware v1.5.4

Crypto. library name / version: Crypto Library v1.0.8 only for B0.2C2

Other libraries name / version: Factory_OS v1.4.4, Services_flash v1.5.2 and Services Software v1.9.14

Bootloader name / version: Boot_OS v1.2.3 PL2 v8

Security Laboratory: Serma

User Guidance: - P73N2M0B0.20n Information on Guidance and Operation user Manual, Rev. 1.01
- P73N2M0 High-performance secure controller datasheet, Rev. 3.2
- P73 family SC300 User manual, Rev. 1.0
- P73N2M0B, Wafer and delivery specification, Product data sheet addendum, Rev. 3.1
- P73 Crypto Library, Information on Guidance and Operation, Rev. 1.1
- P73 Services User Manual, API and Operational Guidance, Rev. 2.0

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.