



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: ICCN0223

Date ICCN issued: 29 Mar 2016

ICCN Expiry Date: 29 Mar 2022

Company: NXP Semiconductors Germany GmbH

Master Component: P6022y y=P,X,M,D,J

Hardware Revision: VB

Child Lot 1: P60D128y VB

Child Lot 2: P60D145y VB

Child Lot 3: P60C128y VB

Child Lot 4: P60C145y VB

Child Lot 5: -

Manufacturing site(s): TSMC, Fab 14A, Tainan, Taiwan

Firmware name / version: Test-ROM 10.1D; Firmware 0C.22 /0C.32/0C.60/0C.70

Crypto. library name / version: -

Other libraries name / version: FW 0C.22/0C.60 for D/P/M/J and FW 0C.32/0C.70 for X

Bootloader name / version: Boot-ROM 10.1D

Security Laboratory: TÜVIT

User Guidance:

- Product Data Sheet - SmartMX2 family P6022y VB, Secure high-performance smart card controller, Rev. 3.6, 22 Aug 2019
- NXP Secure Smart Card Controller P6022y VB Information on Guidance and Operation, Rev. 1.4, 27 Nov 2018
- SmartMX2 P6022y VB Wafer and delivery specification, Preliminary data sheet addendum, Rev. 3.3, 12 Jul 2019
- Instruction set for the SmartMX2 family Secure smart card controller Product data sheet Rev. 3.1, 2 Feb 2012
- Product Data Sheet Addendum - SmartMX2 P602xy VB Family, Firmware Interface Specification, Rev. 3.7, 15 May 2017
- SmartMX2 P602xy VB Family, Firmware Interface Specification Addendum, Rev. 1.1, 23 May 2016

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.