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Certificate Number : ICCN0267

Date of issuance 06 Sep 2019

Expiry Date: 06 Sep 2027

Company: STMicroelectronics (Rousset) SAS

Address: ZI de Rousset
Avenue Coq
Rousset Cedex 01 13106 France

Master Component: ST31P450

Hardware Revision: Rev. C

Child Lot 1: ST31P320

Child Lot 2: -

Child Lot 3: -

Child Lot 4: -

Child Lot 5: -

Manufacturing site(s): ST Crolles (France) & Samsung Giheung (Korea)

Firmware name / version: FW 3.1.1 and 3.1.2

Crypto. library name / version: Optional NesLib 6.4.7

Other libraries name / version: -

Bootloader name / version: See Firmware

Security Laboratory: Thales

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

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

Date: 07 Sep 2026

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:

- Secure dual interface microcontroller with enhanced security and up to 450 Kbytes of flash memory - ST31P450 datasheet, DS_ST31P450, v8.0
- ST31P450 firmware V3 - User manual, UM_ST31P450_FWv3, v8.0
- ST31P secure MCU platform Security guidance - Application note, AN_SECU_ST31P, v3.0
- NesLib cryptographic library NesLib 6.4 - User manual, UM_NesLib_6.4, v3.0
- ST31P secure MCU platforms NesLib 6.4 security recommendations - Application note, AN_SECU_ST31P_NESLIB_6.4, v7.0
- NesLib 6.4.7 for ST31P platforms - Release Note, RN_ST31P_NESLIB_6.4.7, v7.0
- ST31P platform random number generation - User manual, UM_ST31P_TRNG, v3.0

Certification Reference Documents:

- EMVCo Security Evaluation Process, v5.5, January 2026
- Security Guidelines for Smart Card Integrated Circuits, v2.2, December 2022

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