



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: ICCN0270

Date ICCN issued: 16 Jan 2020

ICCN Expiry Date: 16 Jan 2022

Company: Thales DIS Design Services SAS

Master Component: PEGASUS_CB_05

Hardware Revision: rev. C

Child Lot 1: -

Child Lot 2: -

Child Lot 3: -

Child Lot 4: -

Child Lot 5: -

Manufacturing site(s): UMC Fab 12i (Singapore)

Firmware name / version: ROM Firmware rev. B - FLASH Firmware rev. 05

Crypto. library name / version: -

Other libraries name / version: -

Bootloader name / version: Loader v1.8

Security Laboratory: Leti

User Guidance: - Pegasus - User Manual, v0.9.6, 11 Dec 2019

- Secure 32 bits CPU Embedded Application Binary Interface (EABI), v0.6, March 2013

- S8 Instruction Set Architecture, v1.2a, 28 Jan 2019

- Pegasus - Security Guidance, v0.6, 19 Dec 2019

- Pegasus Loader - User Manual - v1.1, 20 Dec 2019

- Guidance - Secure Delivery, v1.0, 12 Dec 2016

- Pegasus - Assembly Instructions, v0.4, 18 Apr2018

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.