IC Security Evaluation Certificate

Please accept this document as confirmation of the EMVCo Security Evaluation Process.

Certificate Number : ICCN0277

Date of issuance 07 Sep 2020   **Expiry Date:** 07 Sep 2024

Company: **Datang Microelectronics Technology Co., Ltd.**

Address: 6 Yongjia North Road
Haidian District
Beijing   100094   P.R. China

Master Component: DMT-CBS-CE3D

Hardware Revision: v1.0

Child Lot 1: -

Child Lot 2: -

Child Lot 3: -

Child Lot 4: -

Child Lot 5: -

Manufacturing site(s): Semiconductor Manufacturing International Corp. - Beijing, P.R.C

Firmware name / version: -

Crypto. library name / version: DMT-CBS-CE3D Cryptographic Library, v1.1

Other libraries name / version: -

Bootloader name / version: DMT-CBS-CE3D-ROM4 v1.0

Security Laboratory: Applus+

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

Signed by:

Alan Mushing, SEWG Chair
EMVCo, LLC

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.   .
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.   .

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User Guidance Documents:

- DMT-CBS-CE3D AGD_OPE.1, v0.5, 17 Mar 2021.

- DMT-CBS-CE3D User Manual of Crypto-Lib, v0.4, 17 Mar 2021.

- DMT-CBS-CE3D Chip User Manual, v1.0, January 2020

Certification Reference Documents:

- EMVCo Security Evaluation Process, v5.3, December 2022
- Security Guidelines for Smart Card Integrated Circuits, v2.2, December 2022