

Mastercard
2000 Purchase Street
Purchase, NY 10577
USA



PLASTIC CARD Enterprise (Hong Kong) Limited.
PLASTIC CARD Enterprise (Hong Kong) Limited.
1301, Bank of America Tower,
Suite 791, 12 Harcourt Road
Central, HONG KONG

September 10, 2018

Mastercard® Contactless Vendor Product – Letter of Approval

Under the terms of the Contactless License dated April 12, 2013, this Letter of Approval (“LoA”), permits you to advise your customers that the following ID-1 card has satisfied the Mastercard requirements as tested by a third party lab:

Approval Identifier:	CLOA-PCEU170502-180910(a), expires on August 10, 2021
Product Vendor:	PLASTIC CARD Enterprise (Hong Kong) Limited.
Product Commercial Name:	Pectoral D n-MCHIP Advance SF232 1.1.
Product Technical Name:	Pectoral D n-MCHIP Advance SF232 1.1.
Registration Number:	DI/PCEU/1705/C02/MCADD5/0A
CAST References:	CCN2254, expires on August 10, 2021
Test Assessment References:	MCADD5-A-PCEU1705C02-0A-FIE-1806-C048 MCADD5-P-PCEU1705C02-0A-FIE-1806-C048
Chip:	Samsung Electronics Co., Ltd. - S3D232A/rev. 1
Operating System:	Plastic Card Enterprise Ltd. - TMM 6.2
Payment Application Type:	M/Chip Advance Payment and Data Storage v1.2.1
Payment Application:	Plastic Card Enterprise Ltd. - MCADD5 1.2.
Antenna/Inlay:	Three Quarter - Plastic Card Enterprise Ltd. - SAM-BI-2/3-001
Card Body/Embedding Sites:	Plastic Card Enterprise Ltd. – Vyshgorod, Ukraine
Additional Applications:	MCADD5 + Card Manager
Protocols Supported:	T=0 with D=1; TYPE A
Additional Features:	None
Card Body:	PVC with 4 embossing lines
Application ID:	0410271700010000

Mastercard Reference Specifications

Book D - EMV Contactless Communication Protocol Spec v2.6 – March 2016
M/Chip Advance Card Application Spec Payment and Data Storage v1.2.1 – Aug 2016
M/Chip - Card Application Cryptographic Algorithms – March 2010
MCPR Application Note #3 (300 ms Performance Policy) – March 2014

Conditions of Approval: None

Product Technical Restrictions: None

Issuer Implementation Notes: None

This LoA does not constitute an endorsement or warranty by Mastercard regarding the functionality, quality or performance of the submitted Product, including without limitation any warranties of merchantability, fitness for purpose or non-infringement, all of which are expressly disclaimed by Mastercard.

This LoA is provided as is without any warranties of any kind. Mastercard is not responsible for and undertakes no obligations with respect to the above-referenced Product.

Any change to the security of the Product or any new version of the Product must be promptly notified to Mastercard and resubmission for additional functional and security testing may be required. Mastercard reserves the right to use any approved product as a reference for future testing and approval of other products.

This LoA may be terminated at any time by Mastercard in the event that Mastercard has a reasonable belief that the Product has a material defect or as a result of any activity that causes non-compliance with the Mastercard reference specifications or any security issues arises with the Vendor. Mastercard therefore reserves the right to perform new security testing throughout the Term of this LoA which may impact the approval. Mastercard reserves the right to impose additional requirements at any time in its sole discretion.

Yours sincerely,

Frédéric Fortin
Vice President, Product Development
EMV & Digital Devices
Entreprise Security Solutions