



# BLOCKCHAIN 10 CARDS

## 10 ready-to-use NFC cards (ID1)

These cards support basic blockchain functionalities such as secure key generation, signing methods, pin protection and many more.

On-card software supports commands for key-management, signature creation and PIN authentication:

- Creation and storage of up to 255 private/public key pairs for Blockchain applications
- Loading and storing a key that is provided by the user in an encrypted form
- Signature generation for signing Blockchain transactions
- User authentication with PIN.

## NOTE

The Blockchain Security 2Go Starterkit is sold [via distribution](#). Should any claims arise from the purchase of the starter kit, such claims are to be made with the immediate seller of the starter kit. Infineon disclaims all warranties to any indirect purchaser. INFINEON DISCLAIMS ALL WARRANTIES, WHETHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT. Infineon is also not liable or responsible for any losses, claims or damages arising from or as a result of intentional misconduct or gross negligence of purchasers, indirect purchasers or third parties.

Infineon highly recommends the user to take appropriate steps against the loss of the private key, whereby loss includes theft, damage or any other event that could impair the user's ability to use the key. [PLEASE REFER TO THE USER MANUAL FOR INFORMATION ON CREATING BACKUPS.](#)

Parametrics	BLOCKCHAIN 10 CARDS
Additional Information	10 contactless (NFC capable) chipcards (ID1)
Ambient Temperature <b>min max</b>	-25.0 °C 70.0 °C
Applications	blockchain applications ; government identification
Asymmetric Cryptography	ECC 256-bit
CPU	16-bit
Certifications	CC EAL6+ high ; EMVCo
Delivery Forms	ID1 card
Interfaces	ISO/IEC 14443
Leading Technologies	SOLID FLASH™ ; Integrity Guard

Parametrics	BLOCKCHAIN 10 CARDS
NVM / 凌捷掩膜	500.0 kByte
Product Description	ID1 cards for development of secured blockchain applications ; dual interface security cryptocontroller
RAM	12.0 kByte
Symmetric Cryptography	AES 256-bit
Use Cases	crypto currency wallets (i.e. Bitcoin) ; eSignature/PKI ; asset management ; Ethereum smart contract

## Documents

[Product Brief](#)

[Whitepaper](#)

[Product Overview](#)

[Product Selection Guide](#)

## Tools & Software

[Blockchain Security 2Go starter kit GitHub repository](#)

- <https://github.com/Infineon/Blockchain>

单击下面可查看定价，库存，交付和生命周期等信息

[>>Infineon\(英飞凌\)](#)