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

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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 **min max**	-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