

Java Card



FTJAVA A22CR

- CC EAL 5+ Certified
- 45KB User NVM Size
- Dual-Interface Java Card
- Java Card 2.2.2
- GlobalPlatform 2.1.1
- RSA 2048 Supported
- Elliptic Curve Cryptography (ECC) Supported



ISO9001
ISO14001

About Feitian

Founded in 1998, Feitian Technologies has been dedicated into the leading provider of strong authentication and digital security solution. The company consistently ranks as the top security supplier in China and its expertise spans online identity to payment transaction to mobility security, enabling secure and trust digital services anytime and anywhere. Globally, Feitian has over 1000 employees and more than half of which are focusing on Research and Development. Feitian's international business served customers in over 150 countries.

www.ftsafe.com

FEITIAN
WE BUILD SECURITY

Introduction

FEITIAN Technologies Java Card Operating System (FT-JCOS), has been meticulously designed to conform to the strict standards of the Java Card, Global Platform and ISO industry; thereby ensuring a fluidity and seamless interoperability of applications for card issuers as well as solutions developers. Through a focus on adhering to the essence of numerous heritage applications and not merely to the minimum requirements of the delineated standards themselves FEITIAN Java card maintains compatibility with third-part applets as well as all existing smart card infrastructures. This practice facilitates multiple sourcing of the components within the smart card solutions.

FEITIAN Java Card A22CR is dual-interface java card with Infineon high performance secure chip, it is CC EAL 5+ certified. It provides a secure platform to allow users to load applets, and it is able to use in various industries, such as government, health, transportation and identity authentication.

Specification

Feitian OS Certification	CC EAL 5+
Chip Model	SLE78CLFX4000PM
Chip Certification	CC EAL6+, EMVCo
CPU	16bit
Physical Storage	NVM Type: Flash(SOLID FLASH) Total NVM Size: 400K Total ROM Size: N/A Total RAM Size: 8K Code Area: FLASH User NVM Size: 45K User RAM size: 2.0K
Algorithm	RSA 2048 AES SHA-1 SHA-256 SHA-384 SHA-512 MD5 3DES (ECB, CBC) ECC
Standard Compliance	Java Card™ 2.2.2 GlobalPlatform 2.1.1
Communication Protocol	ISO7816 T=0, T=1, ISO14443 T=CL Type A, ISO14443 T=CL Type B, Mifare
JCRE Features	APDU Buffer Size: 261 bytes Transaction Size: 384 bytes Extended APDU Logical Channels: 4 Garbage Collector Applet deletion



Feitian Technologies Co., Ltd.
www.ftsafe.com Stock Symbol: 300386.SZ

Tel. : +86-10-6230-4466
Fax : +86-10-6230-4477
Email : world.sales@ftsafe.com