

# Java Smart Cards

## Models & Specification

### A22CR Java Smart Card



### A40CR Java Smart Card



#### Chip & Certifications

Chip Make & Model	Infineon SLE78CLFX4000PM	Infineon SLE77CLFX2400PM
Chip Certification	CC EAL6+, EMVCo	CC EAL5+, EMVCo
FTJCOS Certification	FIPS 140-2 Level 3	CC EAL 5+

#### Storage

NVM Type	Flash (SOLID FLASH™)	Flash (SOLID FLASH™)
Total NVM Size	400K	240K
Total RAM Size	8K	6K
Code Area	Flash	Flash
User NVM Size	138.5K	72.8K
User RAM Size	1.84K	1.72K

#### Algorithms

RSA 2048	
AES	
SHA-1	
SHA-256	
SHA-384	Optional
SHA-512	Optional
MD5	
3DES (ECB, CBC)	
ECC	Optional

#### Standards Compliance

Java Card™ 2.2.2		
Java Card™ 3.0.4		
Global Platform 2.1.1		
Global Platform 2.2.*	Optional	Optional

#### Communication Protocols

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ISO 7816 T=0

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ISO 7816 T=1

Optional

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ISO 14443 T=CL Type A

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ISO 14443 T=CL Type B

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Mifare

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**JCRE Features**

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APDU Buffer Size

261 bytes

261 bytes

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Transaction Size

512 bytes

384 bytes

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Extended APDU

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RMI

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Logical Channels

20

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Garbage Collector

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Applet Deletion

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