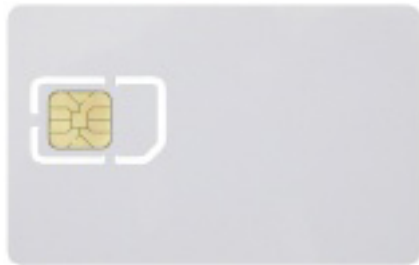


ACOS6 SAM



The ACOS6 SAM (Security Access Module) from ACS is designed to be used either as a security authentication module or as a general cryptogram computation module. The card can securely store cryptographic keys and can compute cryptograms for other applications or smartcards.

The card provides 32K bytes of EEPROM memory and fully complies with ISO 7816-1, 2, 3 and 4 standards. It can store and perform key operations on cards such as the ACOS3 including mutual authentication, encrypted PIN submissions, secure messaging and ePurse commands with a multilevel secured access hierarchy.

The ACOS6 SAM card provides excellent security authentication enabling this card to be used within high end payment applications.

Plain white card.

**Cryptographic card designed for secure key storage and mutual authentication.
32K bytes of memory.**

To buy, visit:

<https://www.smartcardfocus.com/shop/ilp/id~284/acos6-sam/p/index.shtml>

This Product Briefing has been produced by Dot Origin Ltd, the smart card experts behind SmartcardFocus.com. If you have a query email sales@smartcardfocus.com or call us on +44 (0)1428 685250.

ACOS6

ACOS6 cards provide the following features:

- Compliance with ISO 7816 parts 1,2,3 and 4
- High baud rate switchable from 9600 to 14,400, 28,800, 57,600, 115,200 and 223,200 bps.
- Full 64K of EEPROM memory for application data.
- Supports ISO 7816 Part 4 file structures:
 - Transparent
 - Linear fixed
 - Linear variable
 - Cyclic
- DES/Triple DES capability.
- Mutual authentication with session key generation.
- Multilevel secured access hierarchy.
- Anti-tearing done on file headers and PIN commands.

ACOS6-SAM

- Secure access modules pairs with ACOS3 and ACOS6 amongst others.
- Stores and performs all key operations on ACOS3/6 including mutual authentication, encrypted PIN submission, secure messaging and ePurse commands.

Technical Specifications:

EEPROM endurance: 100K erase/write cycles

Data retention: 10 years

EEPROM Capacity: 64Kbytes

Voltage: Operating at 5V DC +/- 10% (Class A) and 3V DC +/- 10% (Class B)

Maximum supply current: 10 mA

ESD protection: Less or equal to 4KV

Operation temperature: -25degC to 85degC

Storage temperature: -40degC to 100degC

Manufacturer: ACS