

ACOS3-32 + MIFARE Classic 4K



The new ACOS3 card from ACS is a flexible microprocessor smartcard with 32K bytes of EEPROM memory. Backwards compatible with ACOS2, it now supports 3 volt operation and PPS speed negotiation. The high degree of security enabled by this card allows users to consider high end payment applications, especially when used alongside the ACOS6 Security Authentication Module (SAM).

This version includes a built-in contactless MIFARE Classic 4K chip too, providing a useful combination that can be used for logical and physical access control and other such applications.

Plain white card. This card can not be SIM cut.

**General purpose microprocessor card with 32K bytes of memory and various security features combined with MIFARE Classic technology.**

To buy, visit:

<https://www.smartcardfocus.com/shop/ilp/id~644/acos3-32-mifare-classic-4k/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](mailto:sales@smartcardfocus.com) or call us on +44 (0)1428 685250.

## **ACOS3 Contact Cards**

### **Technical Specifications:**

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

Maximum supply current: Up to 10mA

ESD protection: Up to 4 KV

EEPROM Capacity: 32 Kbytes/72 Kbytes depending on model

EEPROM endurance: 100 000 erase/write cycles

Data retention: 10 years

Operating temperature: -25degC to 85degC

Storage temperature: -40degC to 100degC

**Manufacturer:** ACS