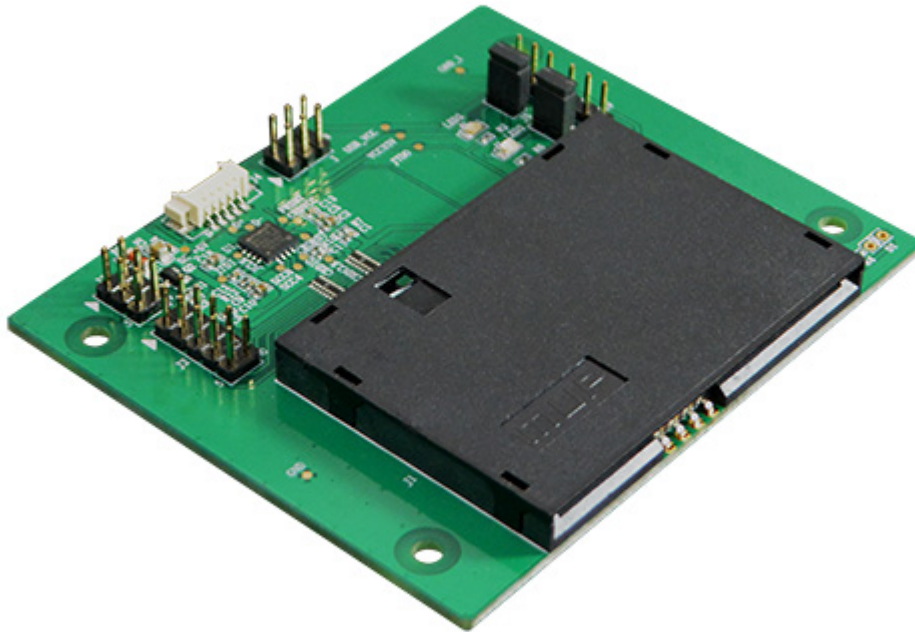ACM39U-Y3 USB contact reader module

The ACM39U-Y3 USB reader from ACS presents the popular ACR39 electronics as a board for integrators. This reader is fully PC/SC, CCID and EMV Level 1 compliant and supports all ISO 7816 microprocessor-based smartcards as well as many popular memory cards.

Ideal for many smartcard-based applications on desktop PCs, the reader comes complete with WHQL approved Windows drivers, as well as support for other operating systems such as Linux, Mac and Android.

The ACM39U-Y3 is ideal for integration into equipment for secure access control or government applications, such as ticket kiosks and ballot machines.

Includes 1m black USB cable.

A USB contact smartcard reader module, designed to be integrated into other systems.

To buy, visit:
https://www.smartcardfocus.com/shop/ilp/id~969/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.

Technical Specifications

Product:

Credential type(s): Contact

Read/Write: Read and Write

Form factor: Board for integration

Connector: USB CCID (Standard 2.0 Type A connector), compatible with USB3.0

OS support: Windows; Linux; Mac OS; Solaris; Android 3.1 and later

Contact Smartcard Interface:

Contact interface standard: ISO 7816

Contact card types: Contact chip - standard sized card; Processor cards (T=0 and T=1); Memory cards including those with EEPROM with write-protect such as SLE4428, SLE5528, SLE5542; CAC cards

Data transmission protocol: T=0, T=1

Card contacts: Landing

Contact read/write speed: 9.6kbps - 600kbps

Clock frequency: 4.80 MHz; Up to 16MHz

Card insertion cycles: Min 200 000

Host Interface:

Host interface standards: PC/SC

Host data transmission speed (wired): 12 Mbps (USB 2.0 full speed)

Other Features:

Status indicator: Green LED and Red LED

Certifications:

MTBF: 500 000hrs

Type approvals: CE, FCC, RoHS 2, REACH, WEEE, IEC 60950

Application approvals: EMV Level 1 (Contact)

Physical:

Dimensions: 70 x 82 x 10mm (2.76 x 3.23 x 0.39in)

Weight (±5%): 32g (1.1oz)

Cable length supplied: 1m (39in)

Power:

Supply voltage: 5V DC

Operating current: 50mA (max)

Battery power option: No

Environment:

Operating temperature: 0 to 60degC (32 to 140degF)

Operating humidity: 90% RH (non-condensing)

Manufacturer's part number: ACM39U-Y3

Country of origin: China

HSF code: 84719000

Manufacturer: ACS