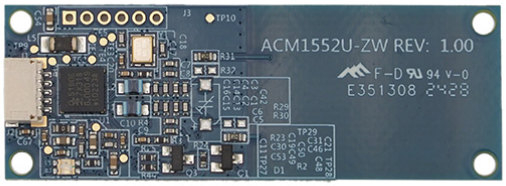
ACM1552U-ZW WalletMate II Mini with cable



This ACM1552U-ZW reader board with a built-in antenna is an ACM1552U which has been enhanced, so that it can support the use of mobile wallet passes. It has been certified for Apple VAS (value-added services) and Google Smart Tap applications, such as loyalty schemes, tickets, and staff or student IDs. The ACM1552U-ZW is a reader board with a 1m detachable cable.

The ACM1552 module from ACS is a 13.56 MHz USB contactless smartcard reader board that supports ISO 14443 type A and B cards, MIFARE, FeliCa, ISO 15693 and ISO 18092-compliant NFC cards and tags. This is the latest evolution of the popular ACM1252. There is a long term private key stored inside the secure element for Google Smart Tap.

The ACM1552 supports modes including card reader/writer, card emulation and now keyboard emulation (using a free software download).

The ACM1552 is CCID and PC/SC compliant, for maximum interoperability with various different devices and applications.

The basic ACS VAS Test Tool for Windows/Linux is available (from ACS) on request, to allow you to test NFC mobile wallet passes on this reader board.

In order to control the operation of this reader board within an application you will need to develop software. Your application itself will also require approvals before mobile passes can be obtained. If you are developing a mobile wallet application do please contact us and we will be happy to offer advice or help you refine your requirements.

Mobile NFC reader board with USB and RS-232 connections, compatible with Apple VAS and Google Smart Tap, with detachable USB and RS-232 cables

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To buy, visit:
https://www.smartcardfocus.com/shop/ilp/id~1022/p/index.shtml

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ACM1552U-ZW WalletMate II Mini with cable

Product:

Credential type(s): Contactless

NFC modes: Read and Write, Keyboard emulation, Card emulation

Form factor: Reader module with built-in antenna

Cable: USB Type-A detachable

OS support: Windows; Linux; Mac OS; Android

Contactless Card Interface:

Contactless interface standard: ISO 14443 Type A and B; ISO 18092 NFC, ISO 15693

Contactless credential types: MIFARE, FeliCa

Contactless operating frequency: High (13.56MHz)

Data transmission protocol: T=CL

Contactless operating distance: Up to 50mm (2.0in) depending on tag type

Contactless read/write speed: 106/212/424/848kbps ISO14443 or 26kbps ISO15693

Host Interface:

Host interface standards: USB CCID

Host data transmission speed (wired): 12 Mbps (USB 2.0 full speed) compatible with USB 3.0

Other Features:

Card detection: Movement detection, Automatic detection of card type, Short circuit and thermal protection

Status indicator: 1 x programmable LED (blue and green)

Firmware in-field upgradeable: Yes

Libraries and tools: Apple VAS API, Google Smart Tap API, CT-API; ACS VAS Test Tools with API; a Software Development Kit is available to purchase separately from ACS.

Certifications:

Manufacturer's warranty: 1 year

MTBF: 500 000hrs

Standards: J-LIS, Apple VAS (ECP1.0 and ECP2.0), Google Smart Tap, CE, UKCA, FCC, VCCI, RoHS, REACH, WEEE

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Physical:

Dimensions: 57 x 20 x 6.3mm (2.4 x 0.79 x 0.25in)

Weight (±1g): 3.9g (1.4oz)

Cable length supplied: 1m (39in)

Connector type: 5 pin 1mm pitch, JST SH series compatible

Power:

Supply voltage: 5V DC

Operating current: 200mA (max)

Battery power option: No

Environment:

Operating temperature: -20 to 70degC (-4 to 158degF)

Operating humidity: Up to 90% RH (non-condensing)

Manufacturer's part number: ACM1552U-MW

Country of origin: China

HSF code: 8542390000

Manufacturer:ACS

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