Pack of 100 - MIFARE Ultralight Card EV1

The MIFARE Ultralight EV1 chip from NXP in plain PVC card format. Operates at 13.56 MHz wireless frequency, according to the ISO 14443A standard and contains 48 bytes of usable read/write memory.

The EV1 version of the Mifare Ultralight card supports the following security features:

- 3 independent one-way counters
- Optional password protection of reading or writing
- Originality check feature

MIFARE Ultralight EV1 chips typically operate at a distance of up to 10cm depending on the power provided by the reader and are fully backwards compatible with previous versions. This card is ideal for various low-cost contactless ID/ticketing applications.

This card is NFC forum type 2 compliant.

Supplied as blank white printable PVC cards in packs of 100, to ISO standard size and thickness. Our cards contain only original NXP chips and use premium quality materials and production methods in order to ensure maximum performance, reliability and compatibility.

Low-cost 64 byte contactless card with various security features. Operates at 13.56 MHz. Pack of 100 cards.

To buy, visit:
https://www.smartcardfocus.com/shop/ilp/id~948/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.

MIFARE Ultralight

MIFARE, RF Interface (ISO/IEC 14443 A)

Operating distance: Up to 100mm

Operating frequency: 13.56 MHz

Data transfer: 106 kbit/s

Data integrity: 16 Bit CRC, parity, bit coding, bit counting

Typical ticketing transaction: <35 ms (including backup management)

Fast counter transaction: <10 ms (including backup management)

EEPROM

512 bit, organised in 16 pages with 4 byte each

Field programmable read-only locking function per page

32 bit user definable One Time Programmable (OTP) area

384 bit user r/w area (12 pages)

Data retention of 5 years

Write endurance 100 000 cycles

Security

Anti-cloning support by unique 7 Byte serial number for each device

32 Bit user programmable OTP area

Field programmable read-only locking function per page

Further images of the **MIFARE Ultralight All Surface Tag - 35 mm** and **MIFARE Ultralight All Surface Tag - 50 mm Engraved** are shown below.

Manufacturer: NXP