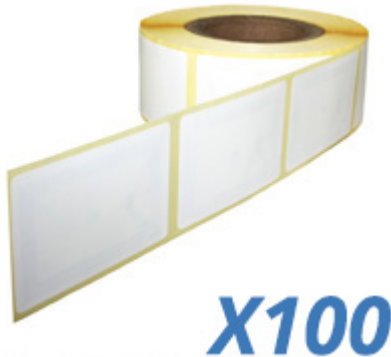## Smartcard Focus

Pack of 100 - MIFARE Ultralight Label - Card-sized

The MIFARE Ultralight chip from NXP, in sticky label format. Operates at 13.56 MHz wireless frequency, according to the ISO 14443A standard. Contains 48 bytes of usable read/write memory, with no security protection.

MIFARE Ultralight chips typically operate at a distance of up to 10cm depending on the power provided by the reader.

Ideal for various low-cost contactless ID/ticketing applications as well as NFC-enabling products or posters.

This label is NFC forum type 2 compliant.

Supplied as white 86mm x 54mm self-adhesive plastic coated paper labels, on a roll.

Sold in packs of 100 labels.

Low-cost 64 byte contactless label. Operates at 13.56 MHz. 86mm x 54mm. Pack of 100 labels.

To buy, visit:

https://www.smartcardfocus.com/shop/ilp/id~1045/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

Country of origin: China

HSF code: 85235200

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

Manufacturer: NXP