

MIFARE Ultralight C Card



The MIFARE Ultralight C chip from NXP, in plain PVC card format. Operates at 13.56 MHz wireless frequency, according to the ISO 14443A standard. This chip operates a MIFARE Ultralight compatible command set and contains 144 bytes of usable read/write memory with secure data access and cloning protection via 3DES authentication.

MIFARE Ultralight C 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-based systems.

This card is NFC forum type 2 compliant and is suitable for storing NFC bookmarks, business cards and SMS tags.

Supplied as blank white card to ISO standard.

Low-cost 192 byte contactless card, NFC forum type 2 compliant. Operates at 13.56 MHz.

To buy, visit:

<https://www.smartcardfocus.com/shop/ilp/id~413/mifare-ultralight-c-card/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.

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Technical Specifications

Standards and Certifications: ISO/IEC 14443 A 1-3 compliant

Operating Distance: Up to 100mm

Operating Frequency: 13.56 MHz

Memory: 192 bytes EEPROM

Memory Structure: As in MIFARE Ultralight (pages)

Write Endurance: 10 000 cycles

Data Retention: 5 years

Data Transfer: 106 kbit/s

Unique Serial Number: 7 byte

Cryptography: 3DES authentication

Serial number: Unique 7 bytes

Manufacturer: NXP