

IC-S50

Mifare 1 cards, 13.56MHz



- Contactless smart card
- Mifare technology
- RF interface: ISO 14443A
- Material: PVC
- Temperature: -10°C to + 50°C
- Dimension: Length 85.6mm, Width 53.98mm, Thickness 0.88mm
- Reading writing
- 1 KByte

MiFare is the most widely used contactless smart card (TISC) technology installed in the world with approximately 250 million TISC and 1.5 million reader modules sold. It is equivalent to the first 3 parts of the ISO 14443 standard 13.65 MHz Type A with high-level protocol. Typical reading distance is 10 cm (4 inches). The reading distance depends on the range of the reader module.

Summary of system

Mifare cards are protected memory cards. They are divided into sectors and simple security blocks and mechanisms for access control. Its capacity computer does not allow cryptographic or mutual authentication operations high level, being mainly intended for simple electronic purses, access control, corporate identity cards, urban transport cards or for ticketing.

Technical specification

- Passive Proximity (No battery needed)
- Contactless Smart Card
- RF interface: ISO 14443A
- Material PVC
- Read / Write (5 to 10 cm)
- Frequency 13.56 Mhz
- Thickness 0.88mm (Printable)
- Temperature -10 ° C to +50 ° C
- Measures 54 x 85 mm
- White Card for Direct Printing on both sides
- It can be drilled vertically or horizontally taking care not to cut the antenna see drawing here
- It can be recorded with the same reader

