

# MINI RFID HF/NFC, LF, UHF ISO CARD

@RFID offers a wide range of RFID transponders.

The **MINI RFID ISO CARDS** integrate a copper (CU) wired (HF/NFC and LF version) or etched antenna (UHF version) with bonded RFID chip, laminated between six PVC layers.

The sizes 53,98 × 28,53 mm with thickness less than 0,85mm.

## OPTIONS:

Full 4x4 colours offset print is available, as well as chip encoding.

Combinations of different Frequencies in one card:

- Not connected
  - HF/NFC + LF
  - HF/NFC + UHF
  - LF + UHF
- Connected HF and UHF antenna to one UID- HF/NFC + UHF Chip EM4423
- Thin Card with 0,53 mm thickness is available (HF and UHF)
- Matt instead of brilliant surface
- Other surface material PC, PET etc. is available



## Frequencies/Chips:

**HF/NFC:** ISO14443: NXP Mifare Series / NTAG Series (NFC-A), @rfid compatible

ISO15693: NXP I Code Series (NFC-V)

**LF:** DeFacto Standard: EM4200, TK4100, @rfid compatible

**UHF:** ISO 18000-6 CLASS 1 GEN 2: ALIEN Higgs, Impinj Monza, NXP U Code

## Technical:

<b>Material:</b>	PVC	
<b>Operating Temperature:</b>	-30° ... +50°C	
<b>Estimated Durability:</b>	3 to 5 years	
<b>Frequencies:</b>	HF/NFC	13,56 MHz ± 5%
	LF	125 kHz ± 5%
	UHF	865 ... 868 MHz
<b>Environmental:</b>	RoHS compliant	
<b>Customized:</b>	Printable, Encoded	

### @RFID Deutschland

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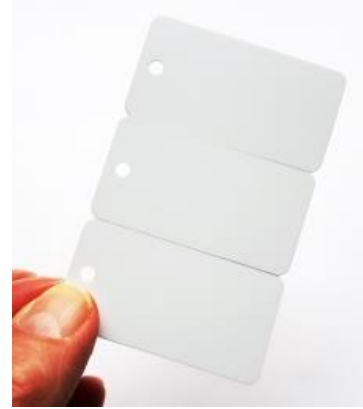
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## Applications for

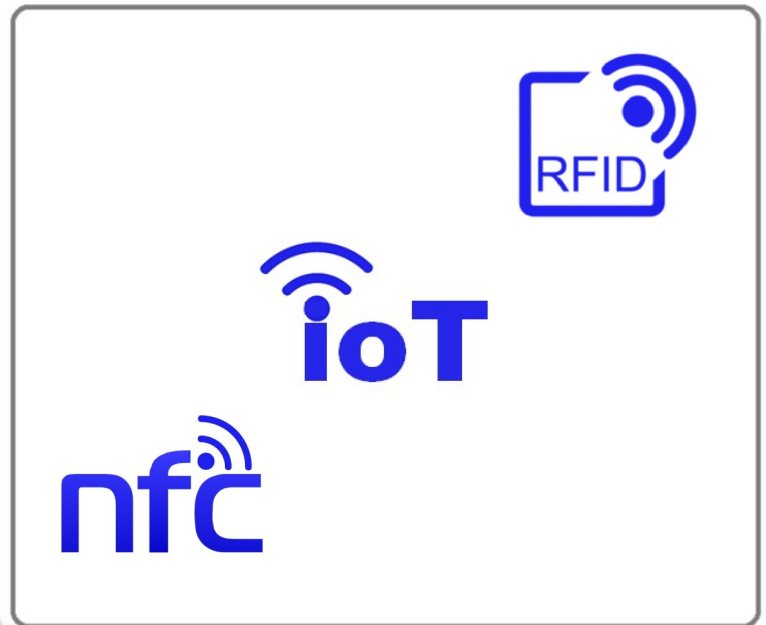
### MINI RFID/NFC ISO CARDS:

- Employee ID Card / Batch
- Access Control
- Hard Label for goods branding
- Member Card (Cash and Carry Market, Social Club, Golfclub, Assurance, Automobile Club etc.)
- Tourist Card
- Payback/Loyalty Card
- Prepaid Card (Laundry, Waste Deposit, Driving Range etc.)
- Season Ticket (Recreation Park, Zoo, Football Arena, Theater, Cinema etc.)
- Public Transport Ticket
- Ski Ressort Pass
- Time Attendance
- Waste Collection
- Your idea/application



Send us your layout as we can offer best quality printed MINI ISOCARDS.

These are normally with brilliant surface (matt on request)...



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