

# RFID HF/NFC, LF, UHF CLAMSHELL CARD

@RFID offers a wide range of RFID transponders.

The **RFID CLAMSHELL 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.

Dimensions overall: 85,7 × 54,0 x 1,8 mm

Dimensions topside: 84,1 × 52,3 x 1,8 mm

### Features:

- Read-only and Read-Write modes
- 256bits, 1K, 4K, 8K bytes of EPROM
- On-chip high capacitance
- Large reading distance
- High reliability and top quality

### OPTIONS:

- **Full 4x4 colours offset print is available (customer specific), 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



### 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>	Printed, Encoded	

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## Applications for RFID/NFC CLAMSHELL CARDS:

- Access Control
- Employee ID Card / Batch
- Logistic TAG
- Time Attendance
- Waste Collection
- Your idea/application



Send us your layout as we can offer best quality printed  
CLAMSHELL CARDS.

### Option:

Strong 3M Adhesive  
backside for easy  
attachment to any  
equipment.



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