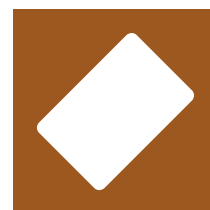




White contactless cards



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A range of applications.

Contactless cards come in the standard ISO format.

Most of them are made of white PVC with a glossy surface, which allows the client to customize the cards through printing. A magnetic strip (HiCo, LoCo) can be added for multiusage cards.

Our contactless cards are available with an exceptionally wide variety of chips and each chip is optimized for ultimate readability. LUX-IDent also offers combi chip cards with two chips on one card. Different combinations in low and high frequency are possible.

FEATURES

- Standard format ISO 7810, 7816
- Clamshell format also possible
- Matt or glossy surfaces
- With or without magnetic strip
- Operating temperature: -20 °C to 50 °C



The pictures demonstrate different options how to position one or two contactless technologies in one card.

The drawing shows one of many antenna sizes / formats and chip positioning.

AVAILABLE CHIP TECHNOLOGIES

Manufacturer frequency	Chip type
EM Microelectronic	
LF 125 / 134.2 kHz	EM4102, EM4200, EM4450
NXP	
LF 125 / 134.2 kHz	Hitag® 1, Hitag® 2, Hitag® S 256bit, Hitag® S 2048bit
HF 13.56 MHz	MIFARE Ultralight® C, MIFARE Ultralight® EV1, MIFARE Classic® 1K EV1, MIFARE Classic® 4K EV1, MIFARE® DESFire® 256B EV1, MIFARE® DESFire® 2K EV1/EV2, MIFARE® DESFire® 4K EV1/EV2, MIFARE® DESFire® 8K EV1/EV2, MIFARE Plus® SE, MIFARE Plus® EV1 2K, MIFARE Plus® EV1 4K I-Code® SLIX NTAG213, NTAG215, NTAG216 SmartMX [JCOP]
Infineon	
HF 13.56 MHz	NRG SLE66R35 1K
Microchip – Atmel	
LF 125 / 134.2 kHz	ATA5577, Q5
LEGIC®	
HF 13.56 MHz	Prime: MIM256, MIM1024 Advant: ATC256-MV410, ATC1024-MV110, ATC1024-MV010, ATC4096-MP311 CTC 4096-MP410, CTC 4096-MM410

Other ICs are available upon request.

DIMENSIONS

[mm]

