

## Product Datasheet

### Contactless Cards – 125 kHz

BrightCard Contactless (“prox”) cards contain passive transponders, and meet ISO 7816 specifications. They are produced with the latest advanced antenna and assembly technologies.

RFID cards are typically used in the following applications: access control, time and attendance, membership cards, identification and electronic payment.

In addition to standard blank white cards, BrightCard offers the following personalization options to meet unique customer requirements.

#### Visual personalization options:

- Offset printing, Silkscreen printing, Thermo-transfer printing
- Serial number
- Signature panel
- Magstripe LoCo (300OE) or HiCo (2750OE or 4000OE)
- Additional contact type chip (hybrid card)
- Hole punching

#### Electrical personalization options:

- IC encoding
- Magstripe encoding



#### Product specification:

<b>Dimensions:</b>	85,6 x 54,0 x 0,76mm
<b>Weight:</b>	5 grams
<b>Material:</b>	PVC, laminated
<b>Surface:</b>	Glossy
<b>DIN / ISO:</b>	7816
<b>Suitable personalization:</b>	Thermo-transfer
<b>Application temperature:</b>	- 25°C to 50°C
<b>Storage temperature:</b>	- 25°C to 50°C

#### Available 125 kHz systems :

IC Type	Memory	Mode	Anticollision	Antenna (wire)	Order No.
EM 4102	64 bit	Read Only	No	Oval	SC-4100
EM 4169	128 bit	OTP	No	Oval	SC-4169
EM 4550	1024 bit	R/W	No	Oval	SC-4550
Temic 5557	224 bit	R/W	Yes (AOR)	Oval	SC-5557
Philips Hitag 1	2048 bit	R/W	Yes	Oval	SC-HT1
Philips Hitag 2	256 bit	R/W	No	Oval	SC-HT2
Philips Hitag S32	32 bit	R/W	Yes	Oval	SC-HTS32
Philips Hitag S256	256 bit	R/W	Yes	Oval	SC-HTS256
Philips Hitag S2048	2048 bit	R/W	Yes	Oval	SC-HTS2048

Technology by:  Electronic Identification

Features and specifications subject to change.

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