

Memory cards

Memory cards are very convenient data carriers. Beside the standard I²C-bus cards, there are versions available with a higher security level. BrightCard memory cards are built acc. ISO 7816.

Memory cards are usually used in the following applications: Access control, membership cards, identification and electronic payment.

BrightCard offers beside the standard blank white cards the following options of personalisation according customer specification:



Optical personalisation options:

- Offset printing, Silkscreen printing, Thermotransfer printing
- Serial number
- Signature panel
- Magstripes LoCo (3000E) and HiCo (27500E or 40000E)

Electrical personalisation options:

- IC encoding
- Magstripe encoding

Product specification:

Dimensions:	85,6 x 54,0 x 0,76mm
Weight:	5 Gramm
Material:	PVC, laminated
Surface:	glossy
DIN / ISO:	7816
Suitable personalisation:	Thermotransfer
Application temp.:	- 25°C to 50°C
Storage temp.:	- 25°C to 50°C

Available ICs:

IC Type	Type	Protocol	Memory	Security	Order No.
256 Byte Memory	E ² Prom	I ² C bus	256 byte	None	SC-256B
2k Byte Memory	E ² Prom	I ² C bus	2k byte	None	SC-2K
8k Byte Memory	E ² Prom	Ext. I ² C bus	8k byte	None	SC-8K
16k Byte Memory	E ² Prom	Ext. I ² C bus	16k byte	None	SC-16K
32k Byte Memory	E ² Prom	Ext. I ² C bus	32k byte	None	SC-32K
SLE 4442	Secure E ²	2 wire	256 byte	3 Byte PIN	SC-4442
SLE 4428	Secure E ²	3 wire	1024 byte	2 Byte PIN	SC-4428