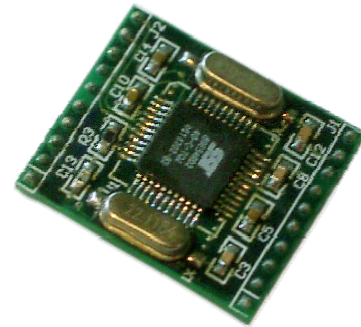


OEM Reader Module Mifare

The BrightCard OEM Read-/Write module Mifare has been designed for the integration into access control readers, terminals as well as in desktop readers, vending machines, payment applications and ticketing machines.

The BrightCard OEM Read-/Write module Mifare is in the position to read and write all Philips / Infineon Mifare Standard transponders.

The module needs a external antenna to operate. With the BrightCard Mifare RFID Read-/Write module it is possible to reach reading distances up to 10cm with proper antenna designs.



Product specification:

Dimensions:	30,5 x 26 x 9,5mm
Interface:	CMOS-TTL (9600 – 115200bits/s)
Reader IC:	Philips MFRC500
Standards:	ISO14443 Type A, Mifare Standard
Reading distance:	up to 10cm (depending on tag and antenna design)
Power supply:	5V (+/-5%)
Current consumption:	100mA (depending on antenna)
Operating temperature:	-10°C to 80°C
Signals:	2 LED + buzzer
Possible transponders:	all Philips / Infineon Mifare
Documentations:	Application Note Antenna Design Guide
Order number :	R-MOD-MF