MAGIC
RFID Reader Industry
Module

PART ID:
4008

The MAGIC 4008 LF 125 kHz Read Only OEM RFID Reader Module with Integrated Antenna is used by system developers to have shortest possible design-in phase to integrate LF RFID into their access control and time attendance system hardware. In many cases the MAGIC 4008 is the base for RFID access control readers for apartment- or hotel door locks. To complete the needed RFID system components we provide suitable RFID TAGs, like BAR SHAPE- EPOXY- TEAR- WING- or UNIVERSAL KEY FOBs or ISOCards with EM4200 Read Only chip in our Transponder Product Portfolio.

Main Specifications

Frequencies	**LF** HF UHF
Material	FR4
Operating Temperature	-10°C to 55°C
IP Class	Not Specified
Compliance	RoHs & Reach, CE
Key Features	Small Size, Cost-Effective, Automatic Read Mode

Full Specifications

Product ID	4008
Name	MAGIC
Material	FR4
Shape	Short Range
Long Description	The MAGIC 4008 LF 125 kHz Read Only OEM RFID Reader Module with Integrated Antenna is used by system developers to have shortest possible design-in phase to integrate LF RFID into their access control and time attendance system hardware. In many cases the MAGIC 4008 is the base for RFID access control readers for apartment- or hotel door locks. To complete the needed RFID system components we provide suitable RFID TAGs, like BAR SHAPE- EPOXY- TEAR- WING- or UNIVERSAL KEY FOBs or ISOCards with EM4200 Read Only chip in our Transponder Product Portfolio.
Key Features	Small Size, Cost-Effective, Automatic Read Mode
Main Use	Embedd
Article Type	Module
Color	Black

Length [mm]	26
Width [mm]	25
Thickness [mm]	7
Weight [g]	10
IP Class	Not Specified
PCB Material	FR4
Chemical Resistance	Not Specified
Flame Resistance	Not Specified
Mechanical Resistance	Not Specified
Compliance	RoHs & Reach, CE
Read / Read Write	Read
Typical Reading Range	80mm
Supported Standards / Tags	EM410x
Operating Temp °C (min)	-10
Operating Temp °C (max)	55
Storage Temp °C (min)	-10
Storage Temp °C (max)	55
Power Supply	3..5V DC
Battery Type	None
Battery Capacity	None
Operating Frequency	LF
Frequency Range	125 kHz
Current Consumption	100mA
Power over Ethernet [PoE]	None
Interfaces Physical	TTL/Wiegand
Interfaces Protocol	ASCII
Transfer rate [Baud]	9600
Antenna Ports	1
Antenna int.	1
Integrated RFID Reader	LF
Development Tools	API
Mounting Method	Embedd

VARIANTS

ID	Variant
4008-01-000-00	LF Read Only

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