Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!
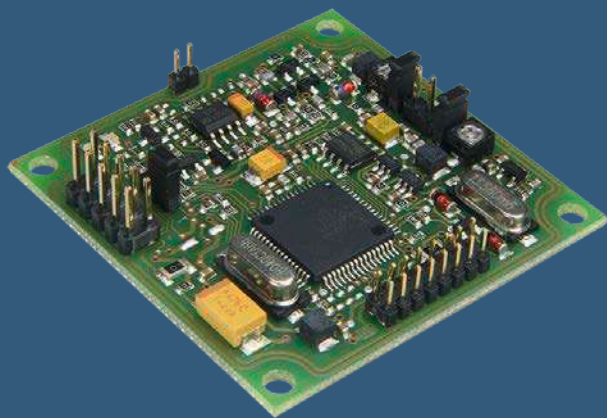
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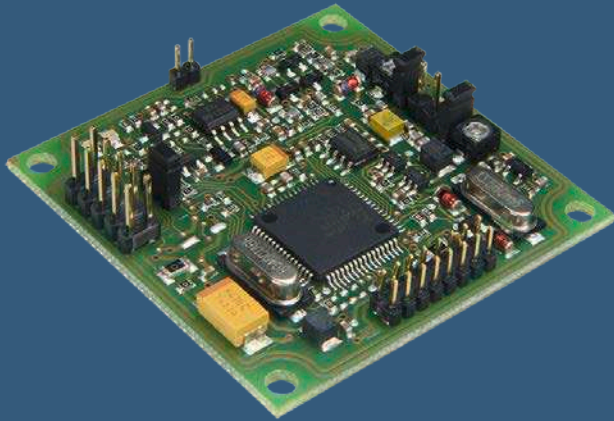
HF Proximity Reader Module
ID ISC.M02-B

Features:

→ Operation with integrated or external antenna

→ Anti-collision function

→ Multi-tag Reader for ISO15693

→ Possible applications in the sector of access control due to data-/clock interface

TECHNICAL DATA

Dimensions (W x H x D)	50 mm x 50 mm x 15 mm (1.97 x 1.97 x 0.55 inch)
Connector	10 pin connector Spacing 2.54 mm (0.1 inch)
Operating frequency	13.56 MHz
Supply voltage	5V DC $\pm$ 5%
RF transmitting power	90 mW +/- 2dB
Power consumption	maximum 1 W
Supported transponders	ISO 15693
Antenna	integrated (48 mm x 48 mm) External 50Ω antennas optional
Read range	10 cm* with integrated antenna, up to 14 cm* with ext. antennas
Interfaces	RS232-TTL, Data-/Clock (magnet card emulation and Wiegand emulation)
Signal generator	2 LED (red/green)
Temperature range Operation Storage	–20 °C up to 70 °C –40 °C up to 85 °C
EEPROM	1 kB (10.000 write-cycles)
FLASH	64 kB (Software Update via interface possible)

* Read ranges depend on the transponder size. Here made statements relate on a inlet size of 76 mm x 45 mm

STANDARD CONFORMITY

Radio licence Europe USA	EN 300 330 FCC 47 CFR Part 15
EMC	EN 301 489
Safety	EN 60950

Order description:

ID ISC.M02-B HF Reader Module

Accessories:

ID ISC.ANT40/30-A HF Antenna
ID ISC.ANT100/100-A HF Antenna

Not recommended for new design.

FEIG ELECTRONIC reserves the right to change specification without notice at any time. State of information: November 2016.