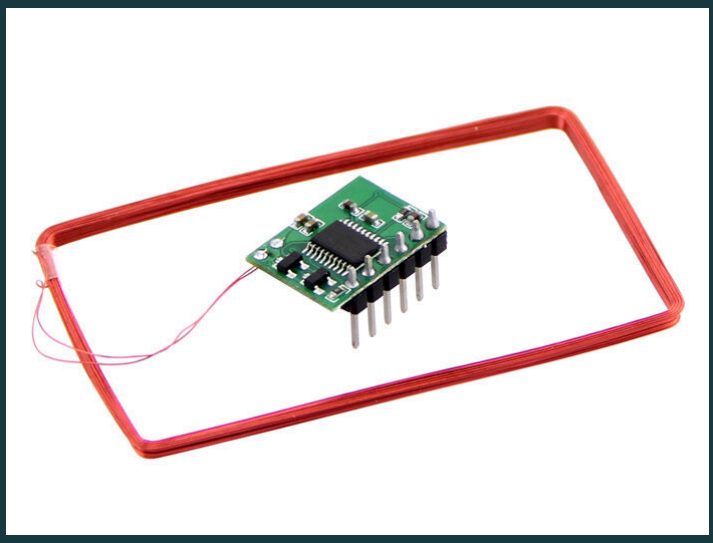
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INDUSTRIAL PRODUCT DATASHEET

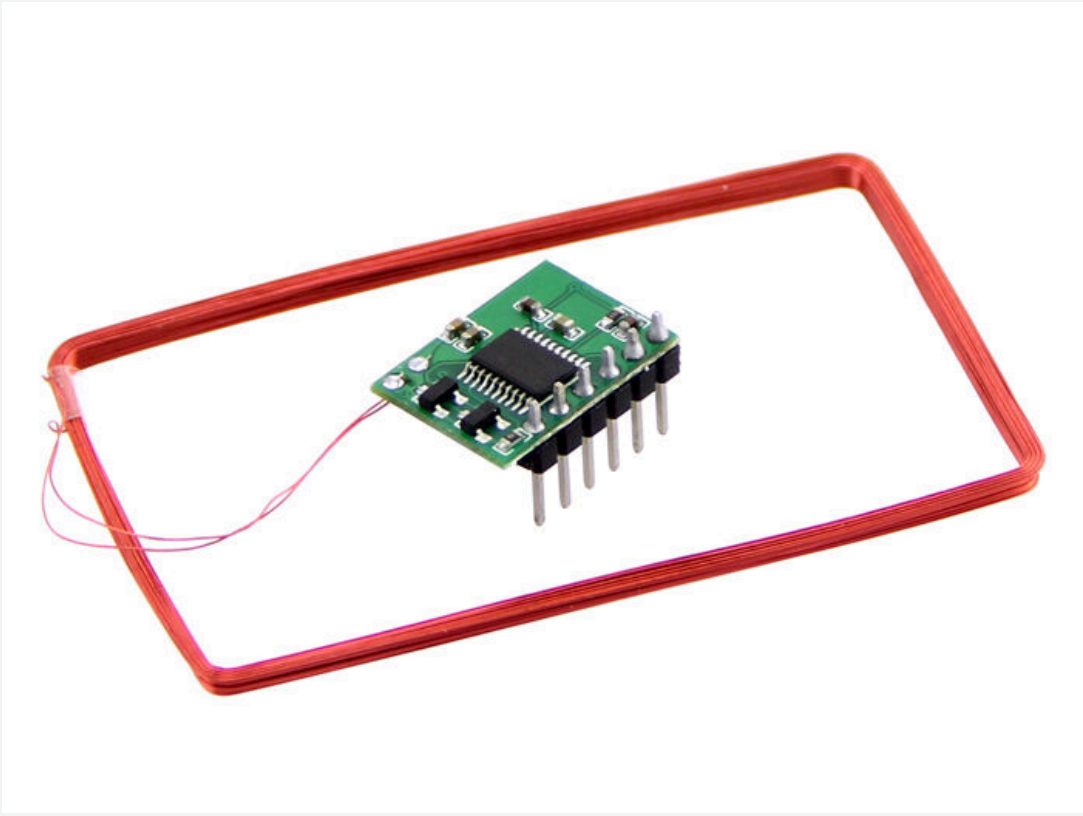
Mini 125Khz RFID Module - Pre-Soldered Antenna (70mm Reading Distance)

Mini 125kHz RFID module with pre-soldered antenna for EM4100 tags, UART TTL/Wiegand output, and up to 70mm reading distance.

SKU	UPDATED	PRICE
113990041	2026-10-23 03:12:36	$9.90(Excl. VAT)



Overview



This mini 125kHz RFID module has a pre-soldered antenna and supports EM4100 compatible read-only or read/write tags via UART TTL or Wiegand26 interfaces. It provides a maximum reading distance of up to 70mm and operates at 3.3V–5V DC, making it suitable for access control, personal identification, and production control systems.

Key Features

This RFID module is designed for reading code from 125Khz card compatible read-only tags and read/write card. It will notify whenever 125Khz tag approaches, the tag serial number will be send via TX pin or Wiegand pin. Super small size design, it is widely applied in office/home security, personal identification, access control, anti-forgery, interactive toy and production control systems etc.

Features

- Small Outline Design
- Pre-Soldered Mini Antenna
- UART TTL Interface
- Maximum Effective Distance Up To 75mm
- Support EM4100 Compatible Read Only or Read/Write Tags

Specification

- Working Frequency: 125Khz
- Baud Rate: 9600
- Interface: TTL or Wiegand26
- Working Voltage: DC 3.3V - 5V
- Working Current: 19mA - 25mA
- Reading Distance: Max.70mm
- Working Temperature: -10℃ to +70℃
- Storage Temperature: -20℃ to +80℃
- Humidity: 0% - 95%
- Antenna Dimension: 60 x 35 x 2.5mm
- Antenna Inductance: 388uH
- PCBA Dimension: 18 x 13 x 3.7mm

Software

- **Source Code at Github**

Compliance & Logistics

ECCN	5A992
HSCODE	8517709000

Resource Links

- https://www.seeedstudio.com/Mini-125Khz-RFID-Module-Pre-Soldered-Antenna-70mm-Reading-Distanc-p-1723.html

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