

INDUSTRIAL PRODUCT DATASHEET

125Khz RFID module - UART

125Khz RFID module with UART, supporting EM4100 tags, 50mm range, and integrated indicators for quick IoT integration.

SKU

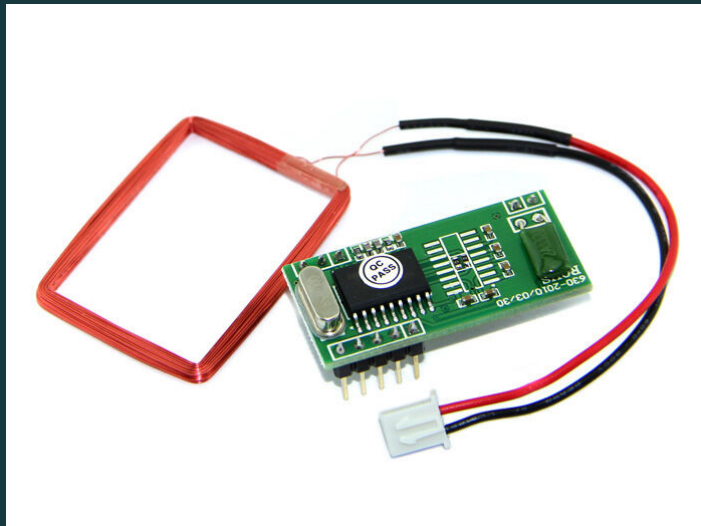
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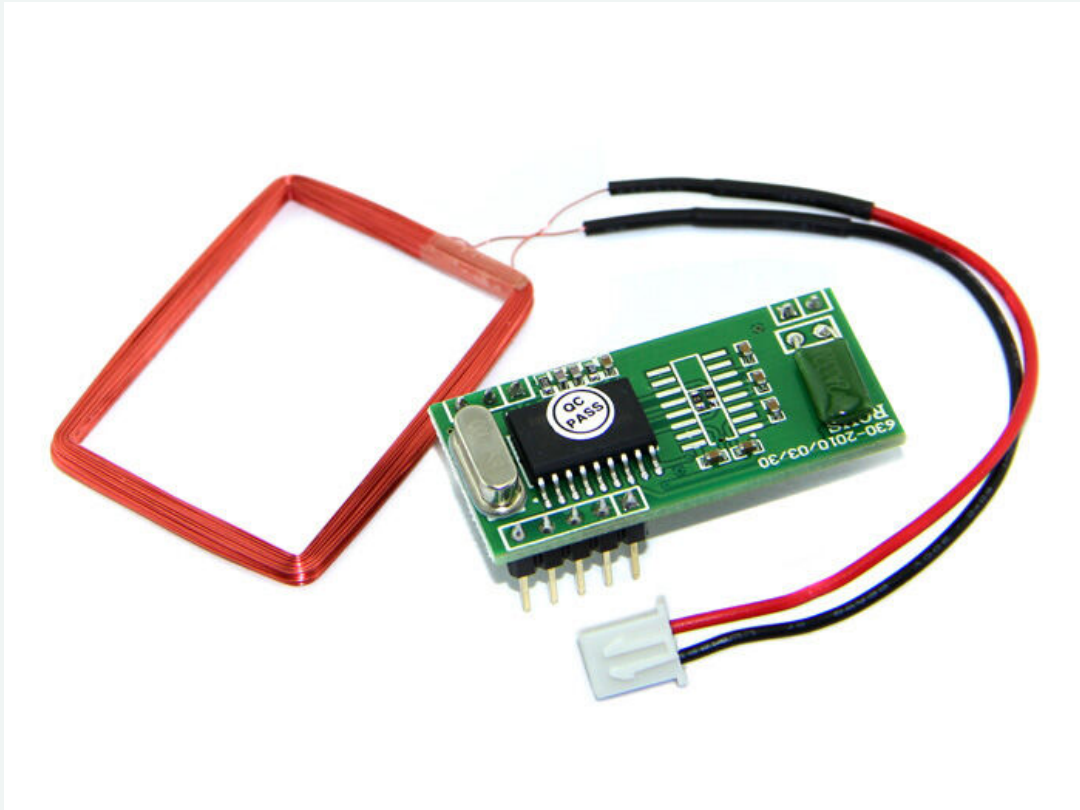
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PRICE

\$12.50(Excl. VAT)



Overview



The 125Khz RFID module - UART is a popular RFID solution for IoT projects, compatible with Arduino and Raspberry Pi for applications like access control and personal identification. It features a UART TTL interface, up to 50mm read range, <100ms decode time, and supports EM4100 compatible read-only or read/write tags with built-in LED and buzzer drivers.

Key Features

Note

This RFID module works with EM4100 compatible read only or read/write tags, if you do not sure about your tag, you

One of the coolest part of IoT project must be the identification technology, 125Khz RFID module – UART is the most popular RFID module that produced by Seeed, By connecting this RFID module to Arduino or Raspberry Pi, you are able to build projects that can be used in office/home security, personal identification, access control, anti-forgery, interactive toy and production control systems etc.

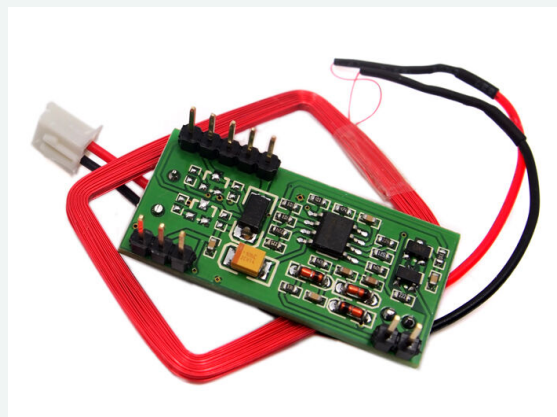
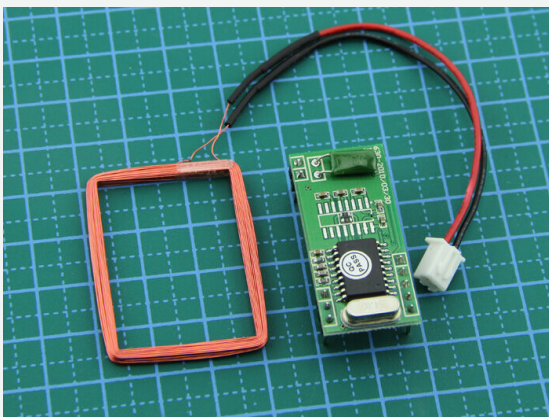
Features

- Support external antenna
- Maximum effective distance up to 50mm
- Less than 100ms decoding time
- UART TTL interface
- Support EM4100 compatible read only or read/write tags
- Built-in external bi-color LED and buzzer driver
- Small outline design

Note:

Module will notify whenever 125khz tag approaches, tag serial number will be send via TX pin. Easy way for a RFID module on MCU projects or PC connection via UartSB.

Product Gallery



Part List

125Khz RFID module - UART	1
External Antenna	1

Compliance & Logistics



HSCODE	8517709000
USHSCODE	8517790000
UPC	841454113485
EUHSCODE	8517180000
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/125Khz-RFID-module-UART.html>
- [RDM630-Spec.pdf](#)
- [How to connect Arduino and RFID](#)

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