



**PRODUCT NAME :** EM18 RFID Module for Arduino/Raspberry-Pi/Robotics

**PRICE :** Rs 325.00

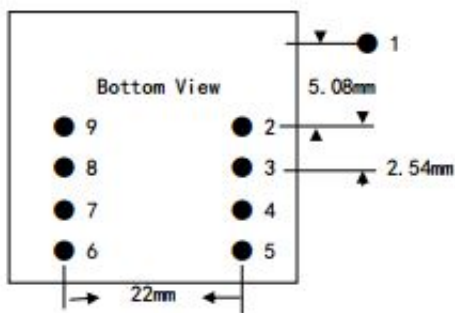
**SKU :** RM0123



**DESCRIPTION**

**Radio-frequency identification (RFID)** is the wireless non-contact use of radio-frequency electromagnetic fields to transfer data, for the purposes of automatically identifying and tracking tags attached to objects. The tags contain electronically stored information. This **RFID Reader** is a Tiny, simple to use RFID reader module. With a built in antenna, the only holdup is the 2mm pin spacing. Power the module, hold up a card, and get a serial string output containing the unique ID of the card. It has **TTL and RS232 output**.

**Images/Pinout of RFID Module**



**Basal Specifications:**

1	VCC	5V
2	GND	GND
3	BEEP	BEEP AND LED
4	ANT	NO USE
5	ANT	NO USE
6	SEL	HIGH IS RS232, LOW IS WEIGAND
7	RS232	RS232
8	D1	WEIGAND DATA 1
9	D0	WEIGAND DATA 0

**Features of RFID Module:**

- Operating Voltage: **5V**.
- Reading Distance: 6-10 cm.
- Read frequency: 125 kHz.
- EM4001 64 - bit RFID tag compatible.

- 9600bps ASCII output.

## **Application of RFID Module:**

- Smart Access Control System.
- Card Based Entry System.
- Attendance System.
- DIY projects requiring need for RFID based System.

Also Searched as : **RFID, RFID Module arduino, RFID Module working, RFID Module circuit diagram, RFID Module interfacing with 8051, RFID Module rc522, RFID Module raspberry pi, RFID Module interfacing with atmega16, RFID Module 125khz**

## **ADDITIONAL IMAGES**

