

RF Wireless Receiver Module

Feature:

Model No.: 0020238
Working voltage: DC5V
Working current: 4mA
RF Sensitivity: -103dBm
Modulation Method: Amplitude modulation (ASK or OOK)
Output Level : TTL Level (5V)
Output Type : Serial Output (manchester code)
Working temperature: -20°C ~ +70°C
Type: Receiver Module for Fixed Code (without decode)
Size: 30x14x7mm
Frequency: We can offer 315 MHz or 433.92 MHz, you can choose one.

Application:

The RF receiver modules are widely used for data receiving and signal control. They are specified as preferred components in remote control garage, roller curtain, door locks, remote sensing, telemetry, industrial control and wireless security alarm industry.

Notes:

It is best to use the antenna of 1/4 wavelength, for antenna has a great impact on receiving effect of the module; normally using 50Ω single core cable. For frequency 315MHz, the length of antenna is about 23cm; for 433MHz, it is about 17cm. The position of antenna also affects the receiving effect of the module. When installing the antenna should be extended as much as possible and be away from the shield and the place in high pressure and interference.

The receiving frequency, decoding mode and timing resistor should be compatible with the transmitter.

Introduction of pin (from left to right)

Pin	Function
ANT	antenna
VCC	positive power supply
RXD	data output
GND	negative power supply

