

Super Regeneration RF Wireless Receiver Module DC 3V

Feature:

Model No.: 0020291

Working voltage: DC3V

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: 30x12x7mm

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.

Introduction of pin (from left to right)

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

