
This wireless high-frequency receiver module RXB6 is through Rely R&D team assembled many years of experience to develop this high sensitivity OOK receive module lost cost,high stable also can provide the best RF solution in the market.

Highly suitable for industry control or bad place for use ,strong anti-jamming Built-in automatic gain circuit(AGC),it will automatically change front-end LNA gain among received signal strength also makes signal output will not be strong or weak signals which caused by phase distortion so that it can rise higher sensitivity To receive the local oscillation circuit for the PLL lock loop design, no offset and stability is high.

Frequency is 315MHZ / 433.92MHZ/868MHZ/914.5MHZ and receiver structure is super hetero-dyne received signal is OOK ,After received signal it will output COMS signal to external decoder IC for decoding .

It is convenience to application in different products and external components is not necessary to make products be wireless also bring value-added for your products.

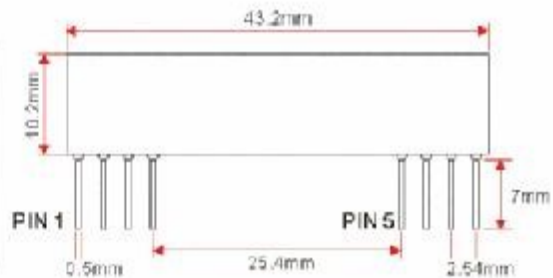
Product Identification

| | |
|------------------|------------------|
| 315MHz | RXB6-315M |
| 433.92MHz | RXB6-434M |

Electrical Characteristics :

| Parameter | Specification | | | Unit | Condition |
|-----------------------|---------------|------------|------|-------|-----------|
| | Min | Typ | Max | | |
| Frequency Range | 300 | 315/433.92 | 450 | MHz | |
| Receiver Sensitivity | -114 | | -110 | dBm | |
| Data Rate | 0.058 | | 10 | KBaud | |
| Supply Voltage, VDD | 3.0 | | 5.5 | V | DC |
| Current | 5.7 | | 7.3 | mA | |
| Operating Temperature | -40 | | +85 | °C | |

Size :



PIN :

| PIN | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-------------|----------|--------|--------|--------------------|--------------------|------------------------|-------|---------------------|
| NAME | ANT | GND | GND | VCC | VCC | DATA | EN | DGND |
| Description | RF Input | RF GND | RF GND | Power Supply V+ | Power Supply V+ | Digital DATA Output | shutt | Power Supply GND |

Notes:

Antenna : Length = 22.6cm for 315MHz ; Length = 17.2 cm for 433.92MHz.