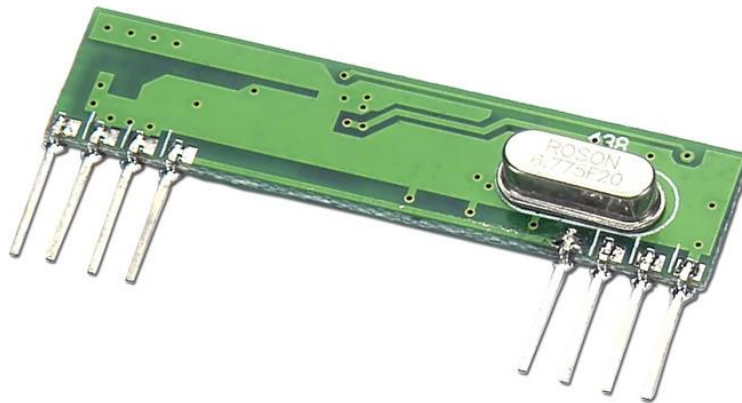


RWS-438-6

WENSHING®

V1.02

Wireless Narrow Band Receiver Module Systems (RF ASK)



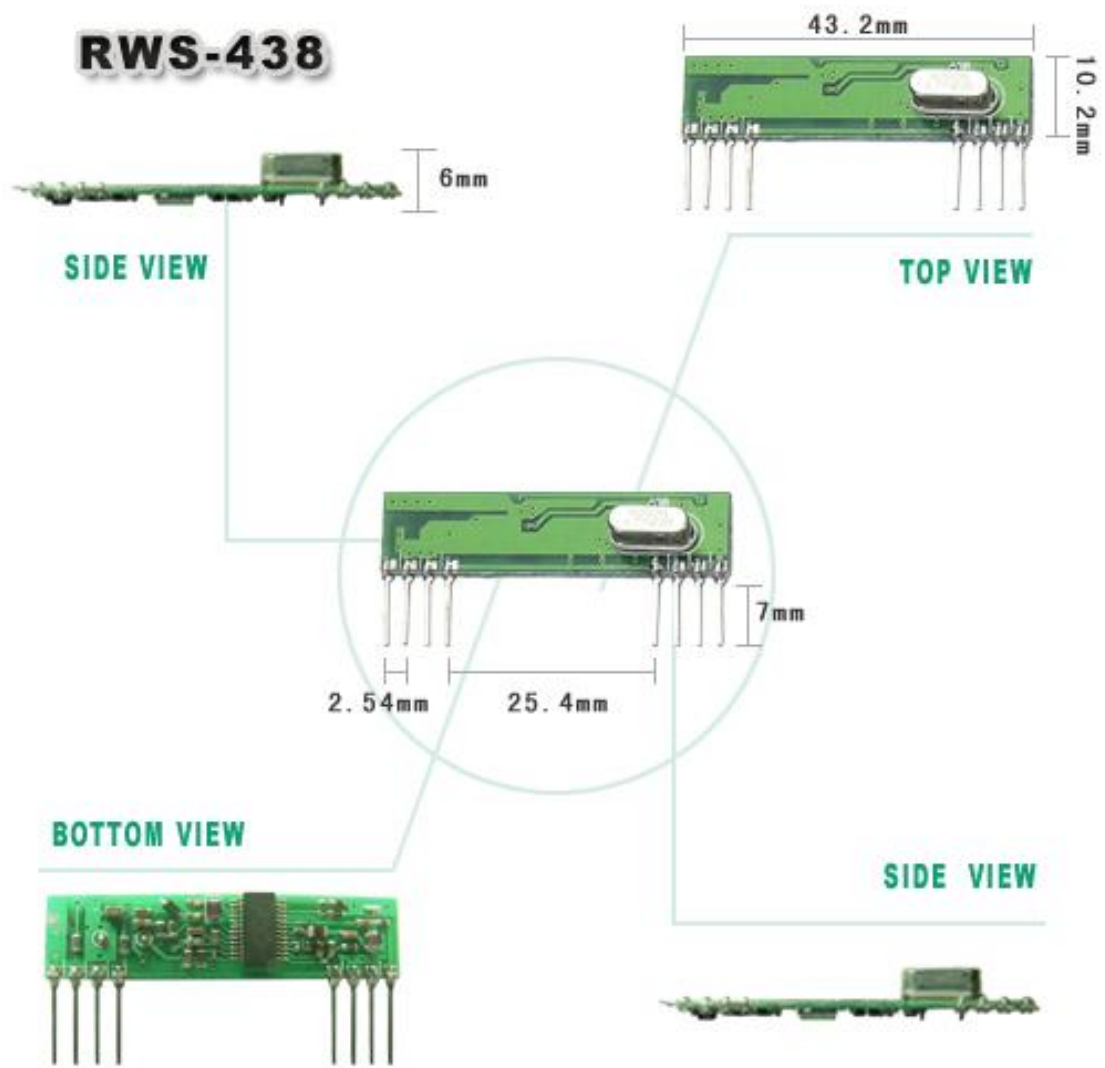
➤ Specification:

| | |
|------------------------------------|--------------------------------|
| ● 433.92MHz ISM | ● 303.875~433.92 MHz Operation |
| ● Hi Sensitivity: -114dBm (512bps) | ● Single 4.8V to 5.5V Supply |
| ● UHF Wireless Data Receiver | ● Automatic Meter Reading |
| ● Wireless Security Systems | ● Remote Metering |
| ● Home Automation | ● Remote Control Systems |

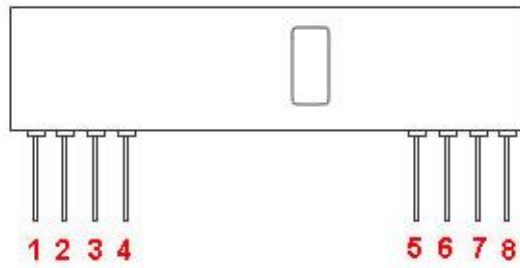
➤ RF Receive Section:

| Parameter | Specification | | | Unit |
|-------------------------------------|---------------|--------|--------|------|
| | Min | Typ | Max | |
| Frequency Range | 433.42 | 433.92 | 434.42 | MHz |
| Transmit Data Rate | 0.05 | | 9.6 | Kbps |
| Sensitivity | -108 | -110 | -114 | dBm |
| Current Consumption | 2.7 | | 3 | mA |
| Data Rate | 0.2 | | 9.6 | Kbps |
| Operating Ambient Temperature Range | -40~+80 | | | °C |

➤ **View:**



➤ **Pin Assignment:**



Pin 1: ANT
 Pin 2: RF GND
 Pin 3: RF GND
 Pin 4: VCC
 Pin 5: VCC
 Pin 6: DATA
 Pin 7: DATA
 Pin 8: DGND

Modulation: AM
 Supply Voltage: 5V DC

| Pin | Function | Description |
|-----|----------|----------------------------|
| 1 | ANT | TO ANTENNA |
| 2 | RF GND | TO ANTENNA GND |
| 3 | RF GND | TO ANTENNA GND |
| 4 | VCC | POWER IN |
| 5 | VCC | POWER IN |
| 6 | DATA | DATA OUT TO MCU OR DECODER |
| 7 | DATA | DATA OUT TO MCU OR DECODER |
| 8 | DGND | POWER GND |