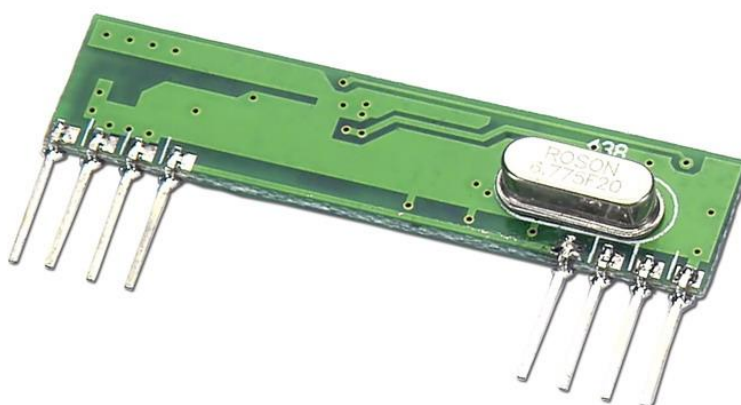


RWS-438-4

WENSHING®

V1.02

Wireless Narrow Band Receiver Module Systems (RF ASK)



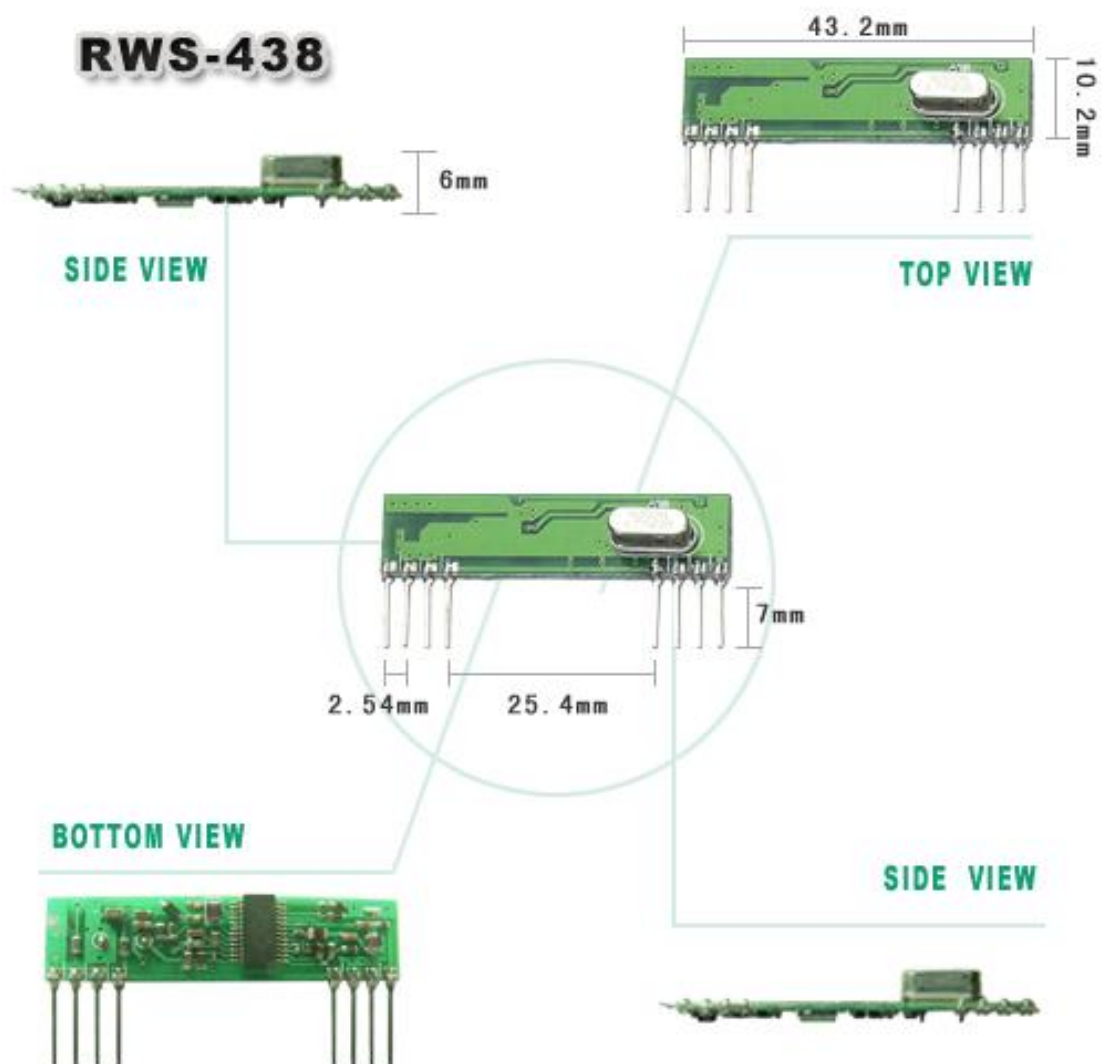
➤ Specification:

● 318MHz 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

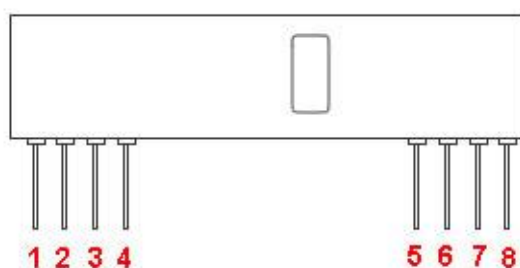
➤ RF Receive Section:

Parameter	Specification			Unit
	Min	Typ	Max	
Frequency Range	317.8	318	318.2	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