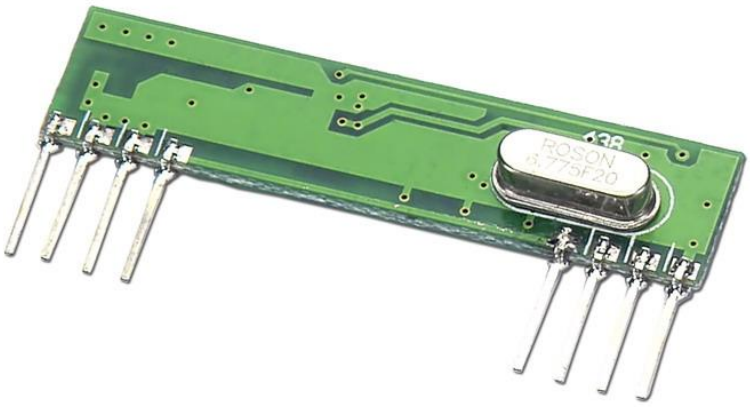
RWS-438 RF MODULE Series

Wireless Narrow Band Receiver Module (RF ASK)



Version History

Version	Date	Changes
V1.01	Jun. 24, 2006	1st. Edition

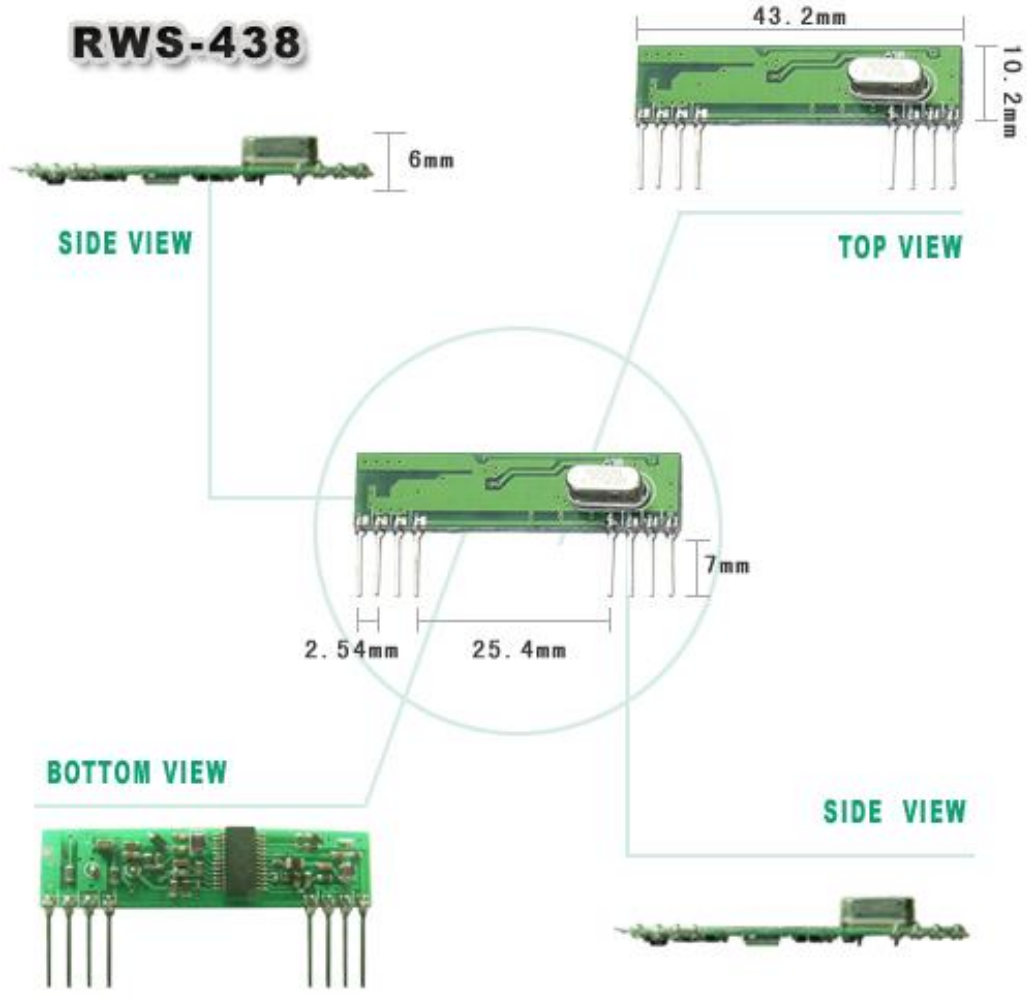
Model : RWS-438-2

● 310MHz ISM	● Modulate Mode: ASK
● -114dBm (512bps) Sensitivity	● Single 4.8V to 5.5V Supply
● UHF Wireless Data Receiver	● Automatic Meter Reading
● Wireless Security Systems	● Remote Metering
● Home Automation	● Remote Control System

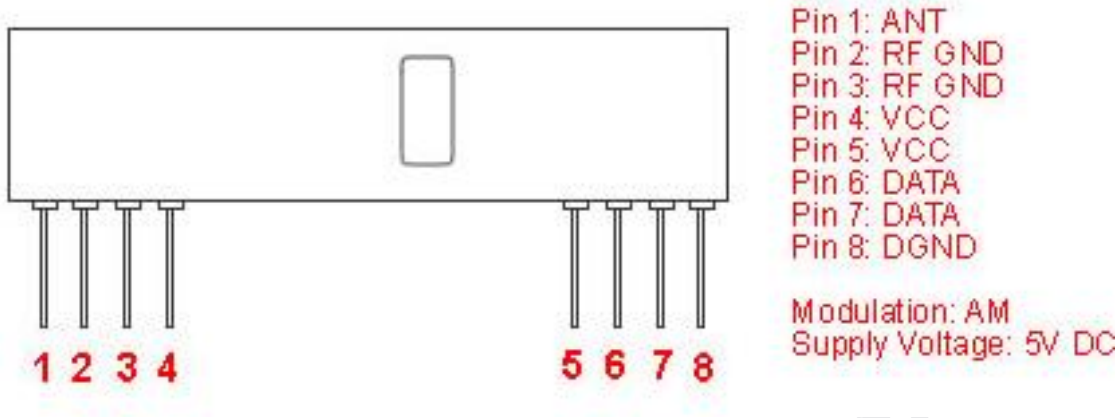
RF Receive Section

Parameter	Specification			Unit
	Min	Type	Max	
Frequency Range	309.75	310	310.25	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	-10~+70			℃

View



Pin Assignment



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