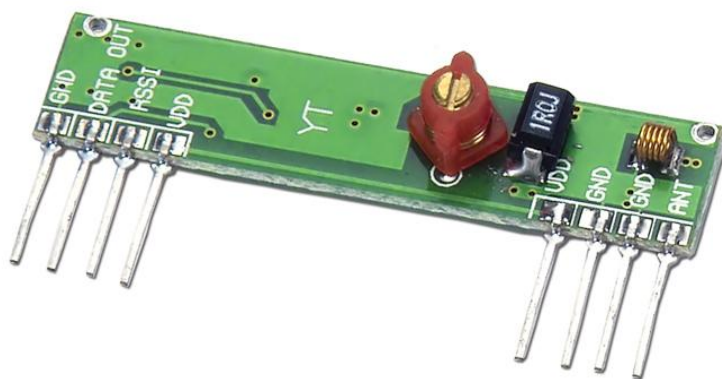

Wireless Hi Sensitivity Receiver Module (RF ASK)



Version History

Version	Date	Changes
V1.01	Mar.7, 2004	1 st . Edition
V1.02	Jul.2,2008	2 nd . Edition

Model: RWS-374-4

- Frequency Range: 318MHz
- Modulate Mode: ASK
- Circuit Shape: LC
- Data Rate: 4800 bps
- Selectivity: -108 dBm
- Channel Spacing: ± 500 KHz
- Supply Voltage: 5V
- High sensitivity passive design
- Simple to apply with low external count

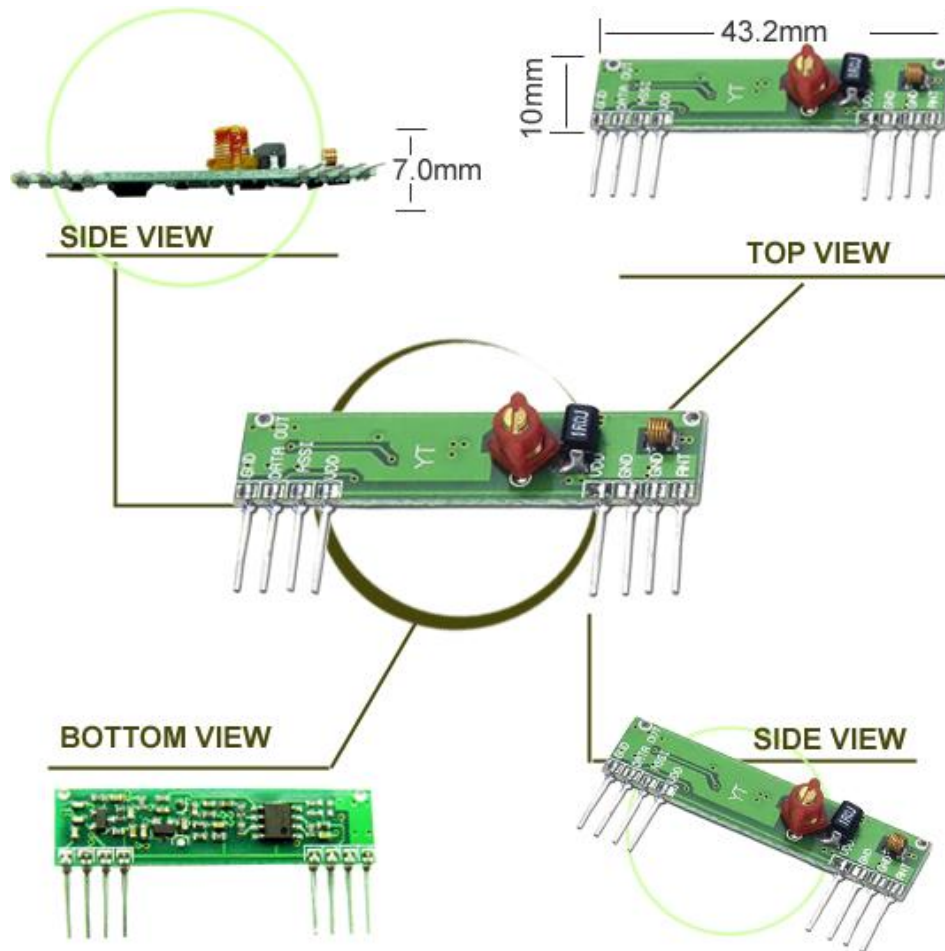
Electrical Characteristic

Characteristic	Sym	Min	Type	Max	Unit
Operating Radio Frequency	FC	317.500	318.000	318.500	MHz
Sensitivity	Pref.	-106	-108	-110	dBm
Channel Width		-500		+ 500	KHz
Noise Equivalent BW	NEB		5	4	
Baseband Data Rate				3	KB/S
Receiver Turn On Time				3	ms

DC Characteristic

Symbol	Parameter	Condition	Min	Type	Max	Unit
V _{cc}	Operating Supply Voltage		4.9	5	5.1	
I _{Tot}	Operating Supply Voltage			4.5		
V _{Data}	Data Out	1 Data=+200uA (High)	V _{cc} -0.5	V _{cc}		V
		1 Data=-10uA (Low)			0.3	V

Size



Pin Assignment

Pin	Function
1	GND
2	Digital Output
3	Linear Out
4	VCC
5	VCC
6	GND
7	GND
8	ANT(About 13cm)



Demo Circuit

