



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

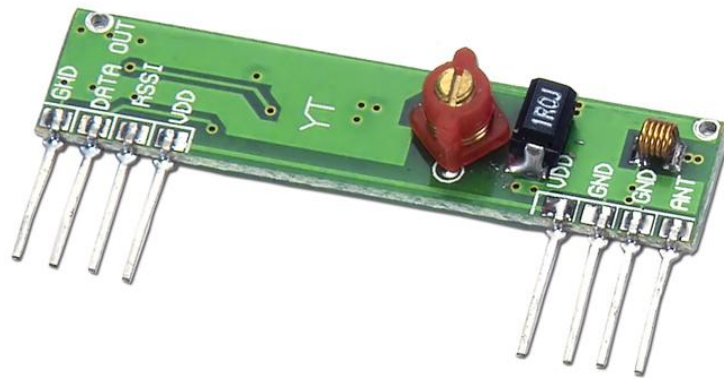
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Wireless Hi Sensitivity Receiver Module (RF ASK)

**Version History**

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

Model: RWS-374-3

- Frequency Range: 315MHz
- 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

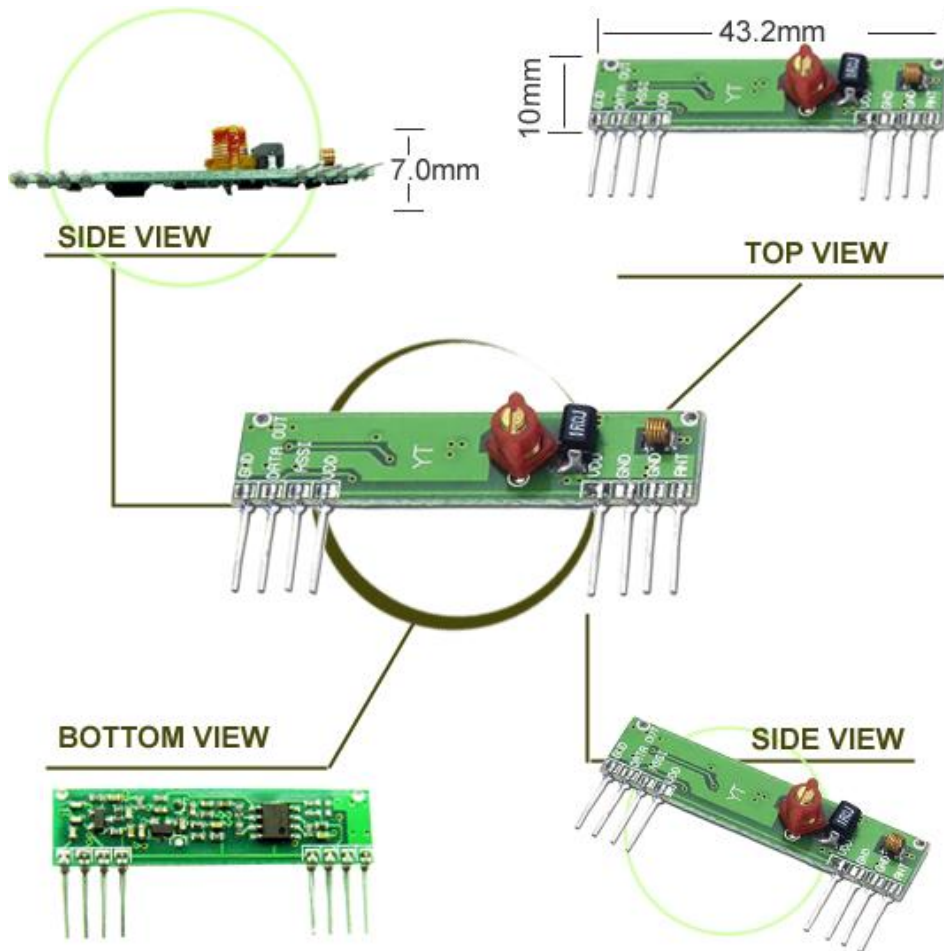
Electrical Characteristic

Characteristic	Sym	Min	Type	Max	Unit
Operating Radio Frequency	FC	314.500	315.000	315.500	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
Vcc	Operating Supply Voltage		4.9	5	5.1	
I Tot	Operating Supply Voltage			4.5		
V Data	Data Out	1 Data=+200uA (High)	Vcc -0.5	Vcc		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

