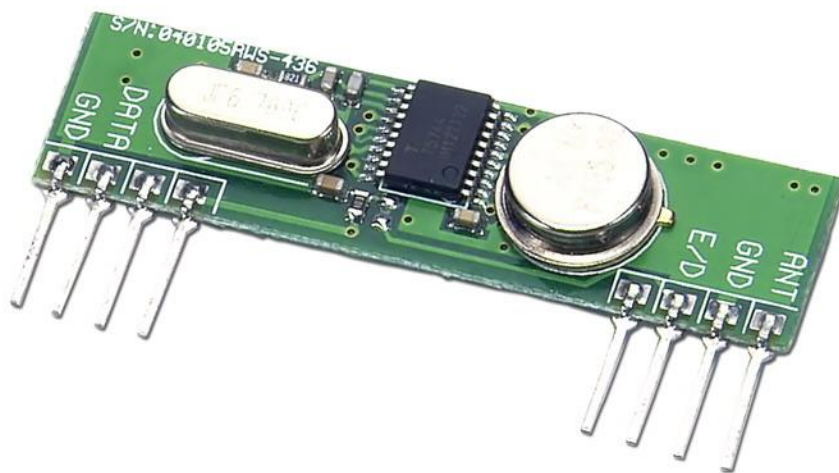

Wireless Narrow Band Receiver Module Systems (RF ASK)



Version History

Version	Date	Changes
V1.01	Mar.17, 2004	1 st . Edition
V1.02	Nov.05,2008	2 nd . Edition

Model : RWS-436-5

- Frequency Range: 315MHz
- Modulate Mode: ASK
- Circuit Shape: S/R+S/F
- Data Rate: 4800bps
- Sensitivity: -108dBm
- Channel Spacing: ± 300 KHz
- Supply Voltage: 4.5~5.5V
- High Sensitivity Passive Design.
- Simple To Apply with Low External Count.

DC Characteristic

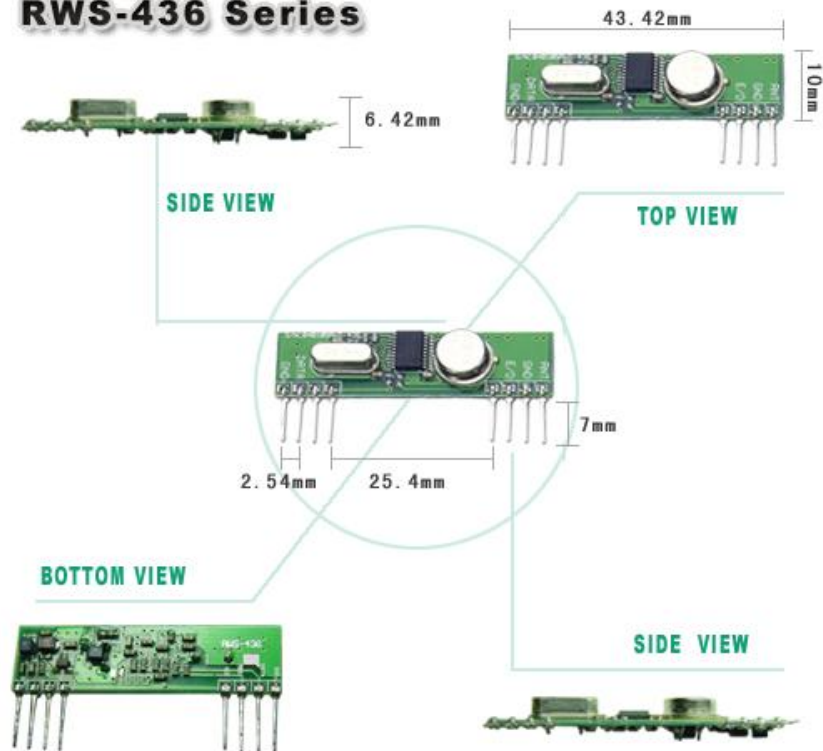
Symbol	Parameter	Condition	Min	Type	Max	Unit
V _{cc}	Operating Supply Voltage		4.5	5	5.5	
I _{Tot}	Operating Supply Voltage		4.5			
V _{Data}	Data Out	1 Data = +200 μ A (High)	V _{cc} -0.5		V _{cc}	V
		1 Data = -10 μ A (Low)			0.3	V

Electrical Characteristic

Characteristic	Sym	Min	Type	Max	Unit
Operating Radio Frequency	FC	314.70	315.00	315.30	MHz
Sensitivity	Pref.	-107	-108	-110	dBm
Channel Width		-300		+ 300	KHz
Noise Equivalent BW	NEB	5		4	
Baseboard Data Rate				3	KB/S
Receiver Turn On Time				3	ms

Size

RWS-436 Series



Pin Assignment

RWS-436 Series Pin Assignment

