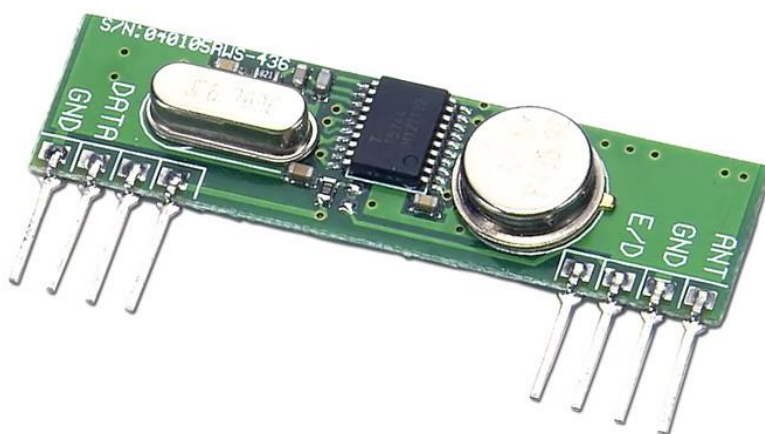


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## Wireless Narrow Band Receiver Module Systems (RF ASK)

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### Version History

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

**Model : RWS-436-4**

- Frequency Range: 433.92MHz
- Modulate Mode: ASK
- Circuit Shape: S/R+S/F
- Data Rate: 4800bps
- Sensitivity: -108dBm
- Channel Spacing:  $\pm 300$  KHz
- Supply Voltage: 4.5~5.5V
- High Sensitivity Passive Design.
- Simple To Apply with Low External Count.

**DC Characteristic**

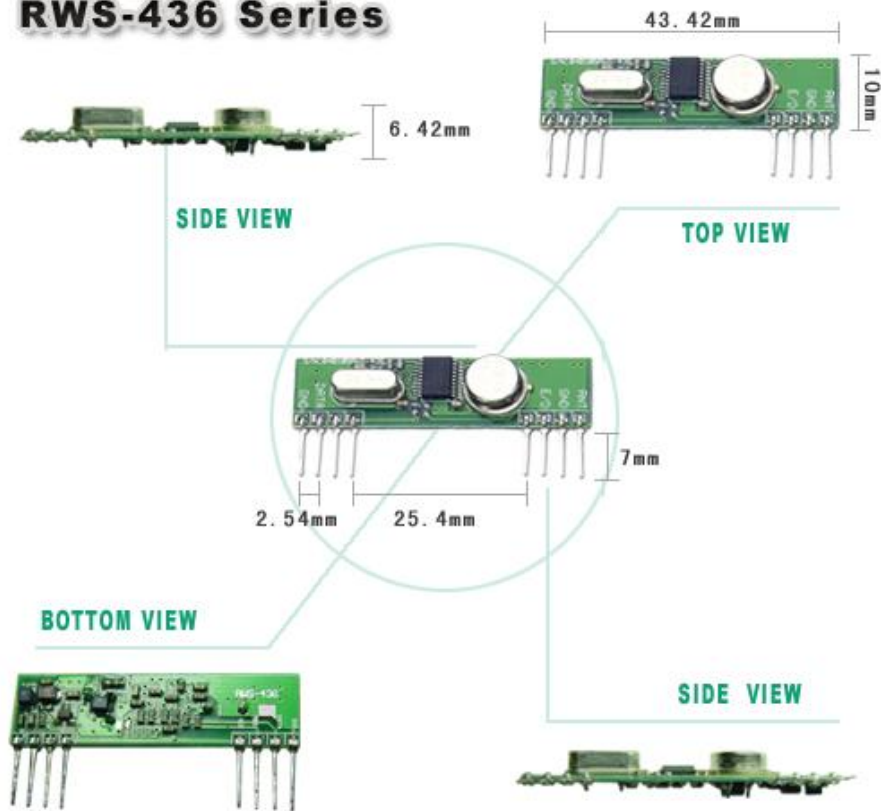
Symbol	Parameter	Condition	Min	Type	Max	Unit
Vcc	Operating Supply Voltage		4.5	5	5.5	
I Tot	Operating Supply Voltage		4.5			
V Data	Data Out	1 Data = +200 $\mu$ A (High)	Vcc -0.5		Vcc	V
		1 Data = -10 $\mu$ A ( Low )			0.3	V

**Electrical Characteristic**

Characteristic	Sym	Min	Type	Max	Unit
Operating Radio Frequency	FC	433.62	433.92	434.22	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

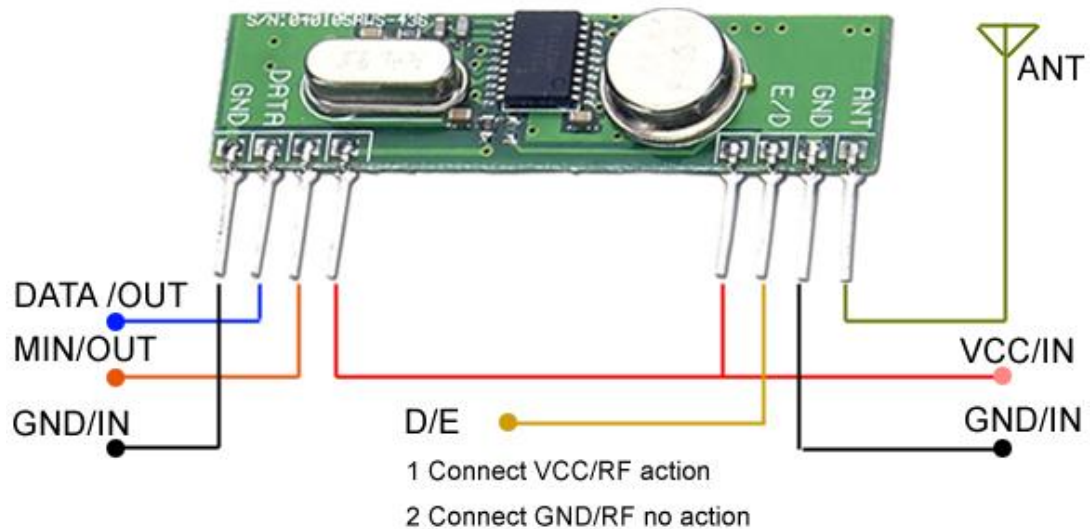
## Size

### RWS-436 Series



## Pin Assignment

### RWS-436 Series Pin Assignment



## Demo Circuit

