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**Wireless Narrow Band Receiver Module (RF ASK)**

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**Version History**

Version	Date	Changes
V1.01	Apr.13, 2004	1 <sup>st</sup> . Edition
V1.02	Jul.5,2008	2 <sup>nd</sup> . Edition

## Model : RWS-530-2

- Frequency Range: 418MHz
- Modulate Mode: ASK
- Circuit Shape: SAW
- Data Rate: 4800 bps
- Sensitivity: -108dBm
- Channel Spacing:  $\pm 300$  KHz
- Supply Voltage: 4.5~5.5V
- High Sensitivity Passive Design.
- Simple To Apply with Low External Count.

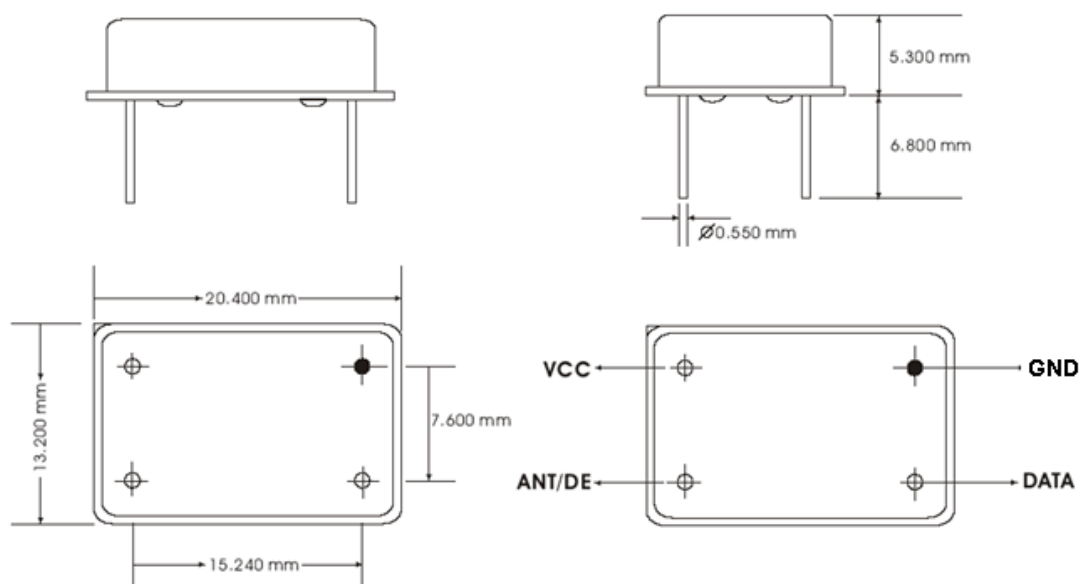
### DC Characteristic

Symbol	Parameter	Conditions	Min	Type	Max	Unit
Vcc	Operating Supply Voltage	Min4.5mA*5.5	4.5		5.5	
I Tot	Operating Supply Voltage		4.5			
V Data	Data Out	1 Data= +200uA (Low)	Vcc -0.5		Vcc	V
		1 Data= -10uA (Low)			0.3	V

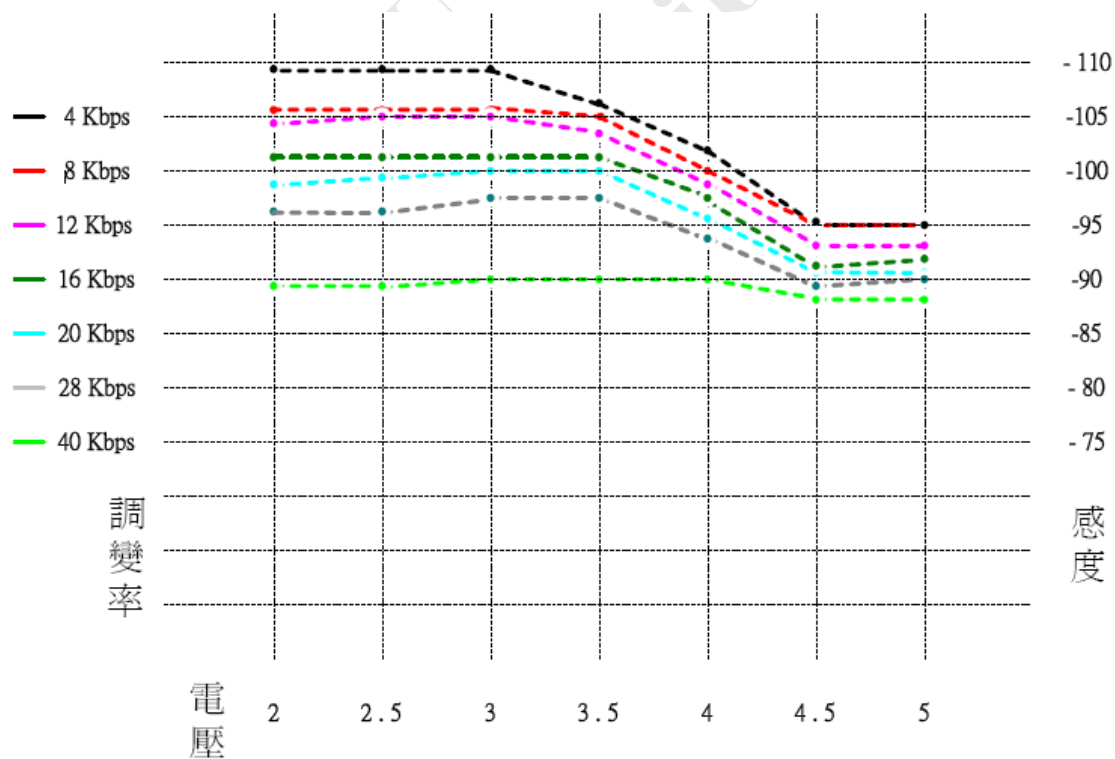
### Electrical Characteristic

Characteristic	Sym	Min	Type	Max	Unit
Operating Radio Frequency	FC	417.7	418	418.3	MHz
Sensitivity	Pref.	-106	-108	-112	dBm
Channel Width		-300		+ 300	KHz
Noise Equivalent BW	NEB	5		4	KHz
Baseboard Data Rate	BSP			8	Kbps
Receiver Turn On Time				3	ms

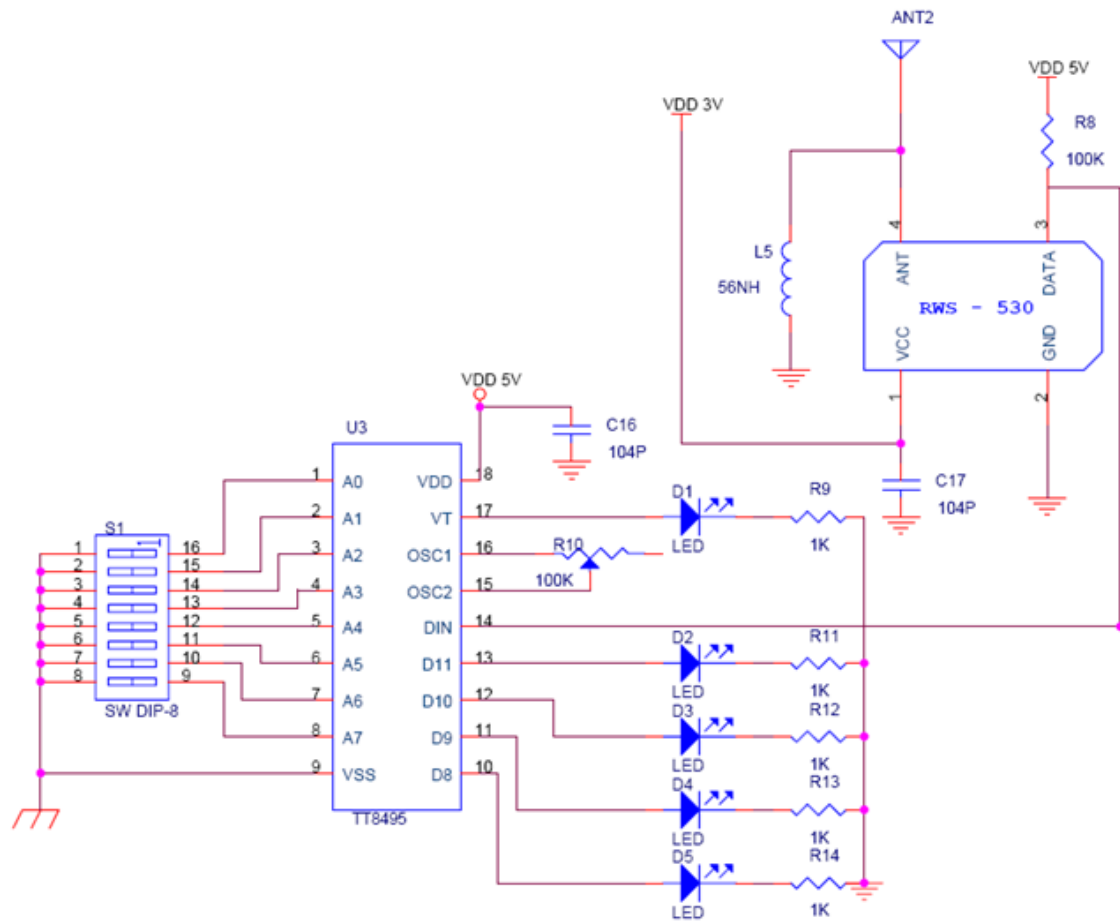
## Size & Pin Assignment



## Application Note



## Demo Circuit



WENSHING  
Do Not Disturb