



文星電子股份有限公司

WENSHING ELECTRONICS CO., LTD.

<http://www.wenshing.com.tw>; <http://www.rf.net.tw>

## DATA SHEET

Narrow Band Receiver Module

Model : RWS-530-2(433.92MHz)

- \*Frequency Range: 433.92 MHz
- \*Modulate Mode: ASK
- \*Circuit Shape: SAW
- \*Data Rate: 4800 bps
- \*Sensitivity: -112dB
- \*Channel Spacing:  $\pm 150$  KHz
- \*Supply Voltage: 2~5V
- \* High Sensitivity Passive Design.
- \*Simple To Apply with Low External Count.

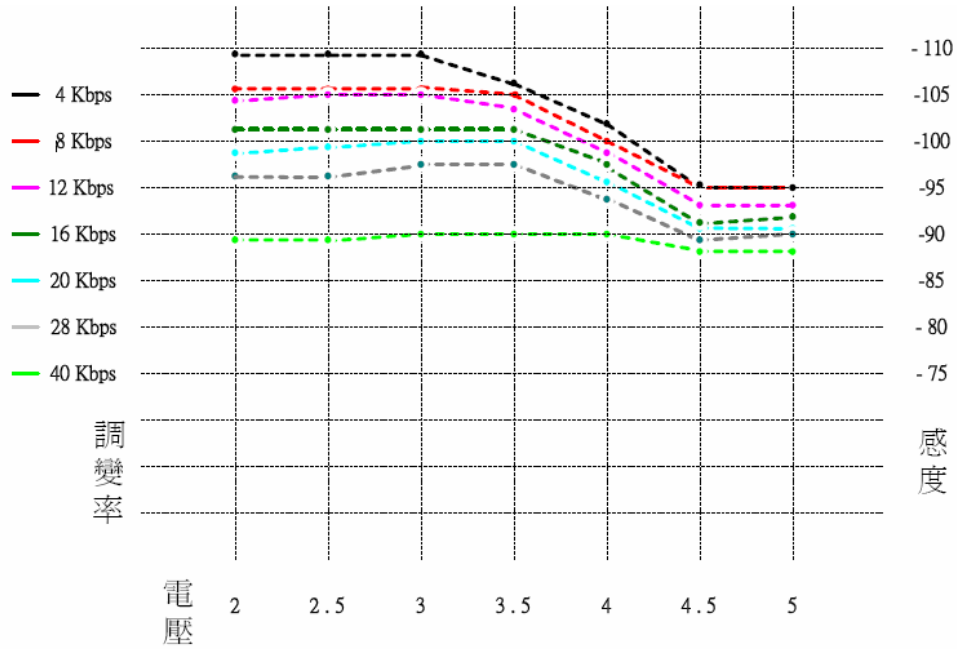
DC Characteristics :

Symbol	Parameter	Conditions	Min.	Typ.	Max.	Unit
Vcc	Operating Supply Voltage	MIN3.5 MAX5.5	2	3	5	
I Tot	Operating Supply Voltage		4.5	-		
V Data	Data Out	1 Data = +200 uA ( Low )	Vcc -0.5		Vcc	v
		1 Data = -10 uA ( Low )			0.3	v

Electrical Characteristics :

Characteristics	Sym.	Min.	Typ.	Max.	Unit
Operating Radio Frequency	FC		433.92		MHz
Sensitivity	Pref.	-106	-108	-112	dB
Channel Width		-150		+ 150	KHz
Noise Equivalent BW	NEB	5		4	KHz
Baseband Data Rate	BSP			8	Kbps
Receiver Turn On Time				3	ms

## Application Note:



## Size:

