

Datasheet for RWS-418 & RWS-433

RWS – 434

WEN SHING

The RF Module's Frequency Is From UHF ASK 300MHz TO 434MHz

- High-Sensitivity Passive Design
- 4800 B/S Baseboard Data Rate
- Simple To Apply With Low External Count
- Low Supply Voltage : Vcc = 5Vdc
- ASK Data Shaping Comparator Included

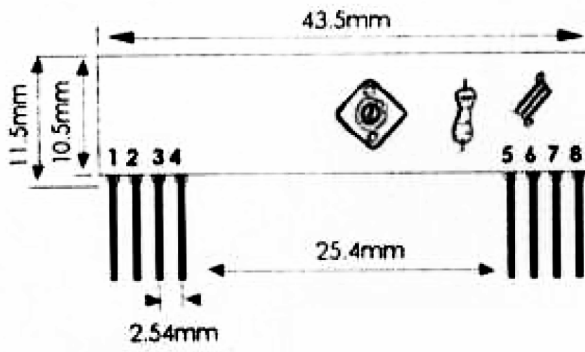


DC Characteristics

Symbol	Parameter	Conditions	Min	Typ	Max	
vcc	Operating supply voltage		4.9	5	5.1	
ITot	Operating supply voltage		-	4.5	-	
V Data	Data Out	Data = +200 uA (High)	Vcc-0.5	-	Vcc	V
		Data = -10 uA (Low)	-	-	0.3	V

Electrical Characteristics

Characteristics	SYM	Min	Typ	Max	Unit
Operatong Radio Frequency	FC	300 - 434			MHz
Sensitivity	Pref			-106	dBm
Channel Width		+500			KHz
Noise equivalent BW	NEB		5	4	KHz
Baseboard data rate				3	Kb/s
Receiver tum on time				3	ms



- PIN 1:GND
- PIN 2:DIGITAL OUTPUT
- PIN 3:LINEAR OUTPUT
- PIN 4:VCC
- PIN 5:VCC
- PIN 6:GND
- PIN 7:GND
- PIN 8:ANT(ABOUT"30-35cm)