

# Velleman: RX433N

## Receiver Module Systems (RF ASK)



- \*Frequency Range: 433.92MHz
- \*Modulate Mode: ASK
- \*Circuit Shape: LC
- \*Data Rate: 4800bps
- \*Selectivity: -108dBm
- \*Channel Spacing:  $\pm 500$ KHz
- \*Supply Voltage: 5V
- \* High Sensitivity Passive Design.
- \*Simple To Apply with Low External Count.

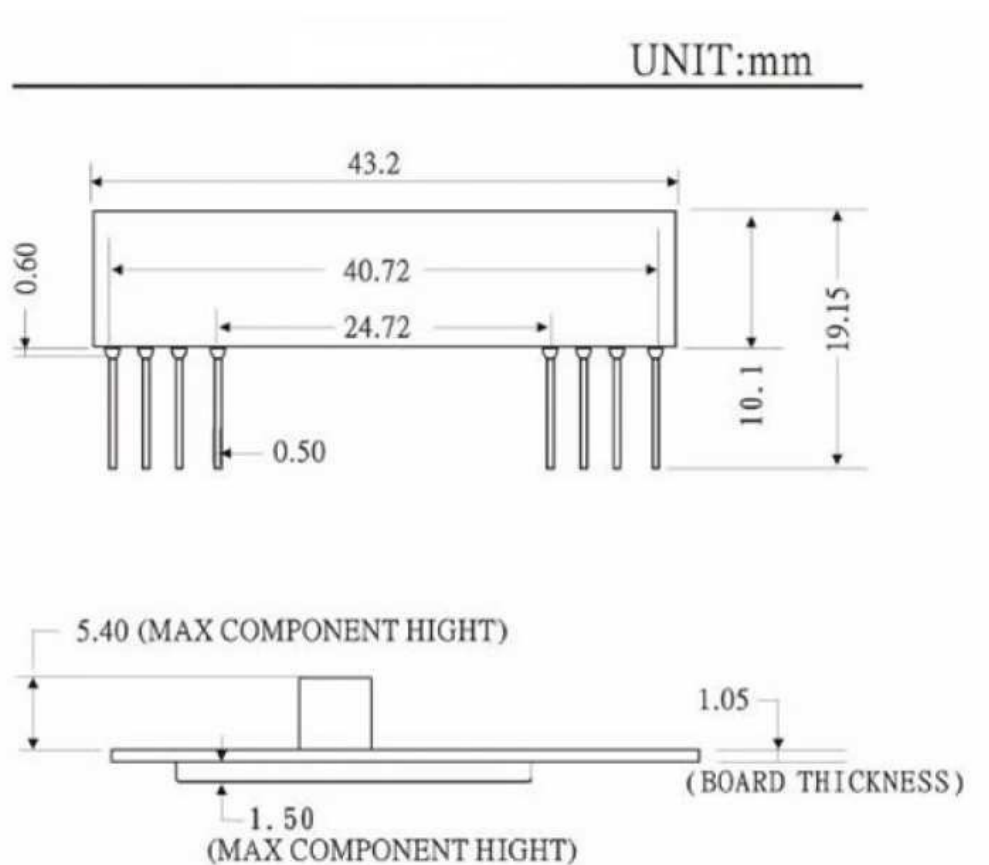
### Electrical Characteristics :

Characteristics	Sym.	Min.	Typ.	Max.	Unit
Operating Radio Frequency	FC	433.42	433.92	434.42	MHz
Sensitivity	Pref.	-106	-108	-110	dBm
Channel Width		-500		+ 500	KHz
Noise Equivalent BW	NEB		5	4	
Baseboard Data Rate				3	KB/S
Receiver Turn On Time				3	ms

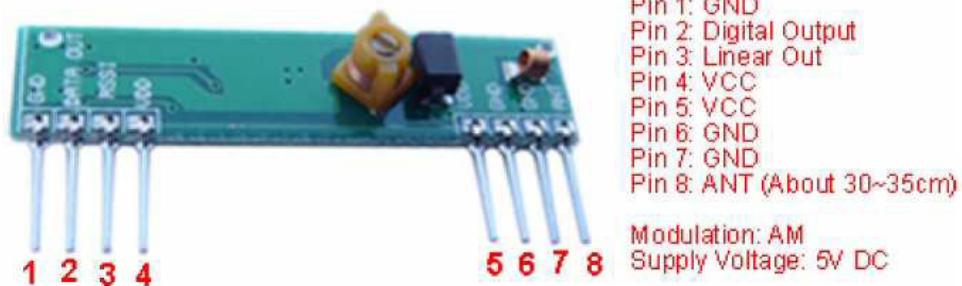
## DC Characteristics :

Symbol	Parameter	Conditions	Min.	Typ.	Max.	Unit
Vcc	Operating Supply Voltage		4.9	5	5.1	
I Tot	Operating Supply Voltage			4.5		
V Data	Data Out	1 Data = -10 uA ( Low )	Vcc -0.5	Vcc		V
		1 Data = -10 uA ( Low )			0.3	V

## ◆Size:



## ◆ Pin Assignment:



◆ Demo Circuit Diagram:

