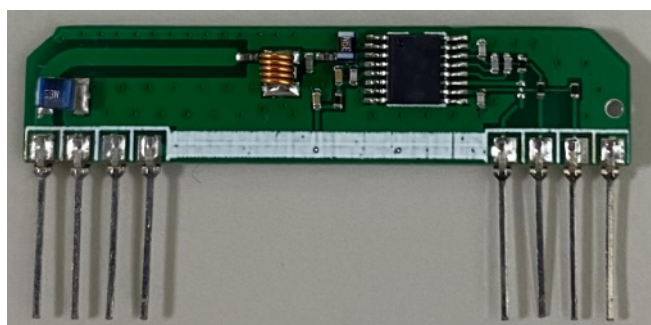


RWS-434LL 433.92MHz RF OOK RECEIVER MODULE

文星電子於 2022 年 11 月發表 **RWS-434LL** 系列 OOK ISM 頻帶無線通訊高感度接收模組，感度高達-117dBm，2~5.5V 寬廣電壓範圍，應用於長距離遙控接收。模組符合高功率 NCC、FCC、CE 法規。

應用範圍

- 遙控鐵捲門
- 防盜器
- 燈
- 遙控天車
- 遙控鎖
- 無線接收

**產品特點**

- 高感度-117dBm
- 接收信號強度輸出 RSSI
- 低工作電壓 2.0~5.5V
- 43.5*10.03*4.5mm

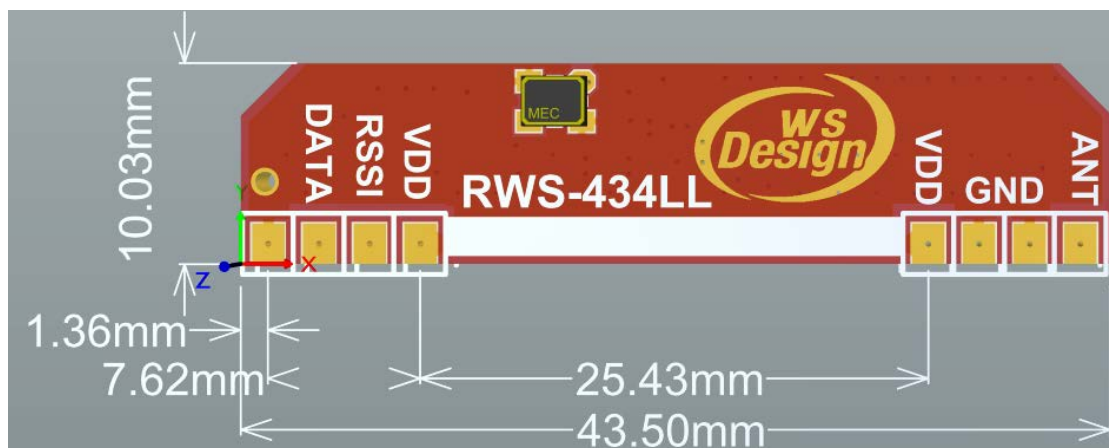
Version History

Version	Date	Changes
V1.01	Nov. 10. 2022	1 st . Edition

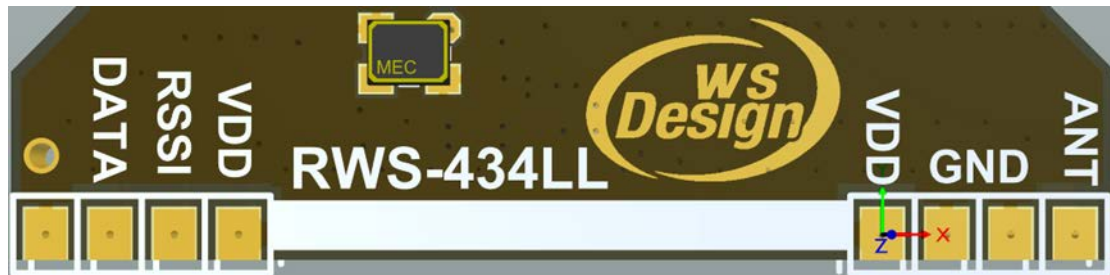
➤ **Model : RWS-434LL-6**

Parameter	Specification			Unit	Condition
	Min.	Typ.	Max.		
Frequency Range	434.03		433.07	MHz	
Receiver Sensitivity		-117		dBm	2500 bps
Data Rate	20		2500	bps	Speed1
	20		7500	bps	Speed2
Supply Voltage, VDD	2.0		5.5	V	DC
RX Current		5.6		mA	5V
DATA up time	16			ms	Disable to Enable time
Operating Temperature	-20		+80	°C	

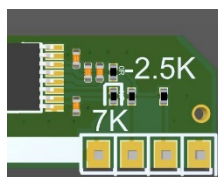
➤ **Size**



➤ Pin Assignment



Pin	Name	I/O	Description
1	GND	IN	Power Ground
2	DATA	OUT	For the first time, the RF needs to transmit 16mS long time to output DATA normally. If the stop time does not exceed 100mS, it can be received normally.
3	RSSI	OUT	RSSI is a metric that evaluates the strength of the wireless signal.
4	VDD		Power Supply 2~5.5V
5	VDD		Power Supply 2~5.5V
6	GND	IN	RF Ground
7	GND	IN	RF Ground
8	ANT	IN	Antenna



[1] 2.5Kbps or 7Kbps switch

➤ Demo Circuit

