



金永成科技有限公司
KING WINS TECHNOLOGY CO., LTD.

承認規格書

SPECIFICATION FOR APPROVAL

客戶名稱：錦鑫光電

品名：**REMOTE CONTROLLER**
PRODUCT _____

料號：**KWS-09C(7key)**
PARTS NO _____

廠商料號：
MAKER _____
PARTS NO _____

CUSTOMER APPROVE

APPROVAL	WRIT

金永成科技有限公司

KING WINS TECHNOLOGY GO.

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[Http://www.kws.com.tw](http://www.kws.com.tw)



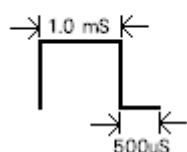
RF Frequency 434MHz

遙控器編碼規則：

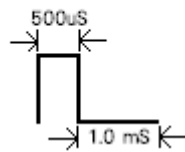
1. 分為(導引碼)+用戶編碼+鍵碼數據+鍵碼反碼

2. Bit Description

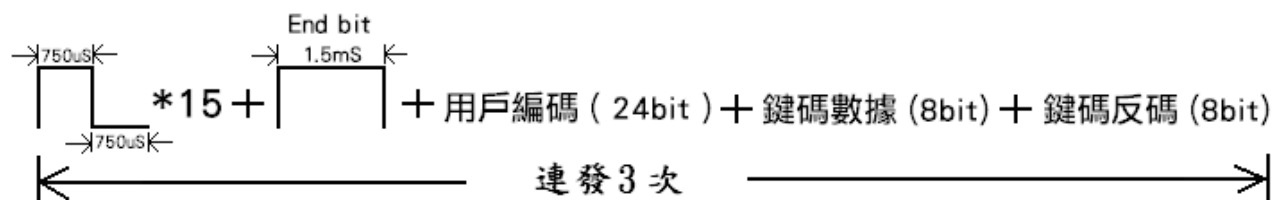
Bit " 1 "



Bit " 0 "



3.

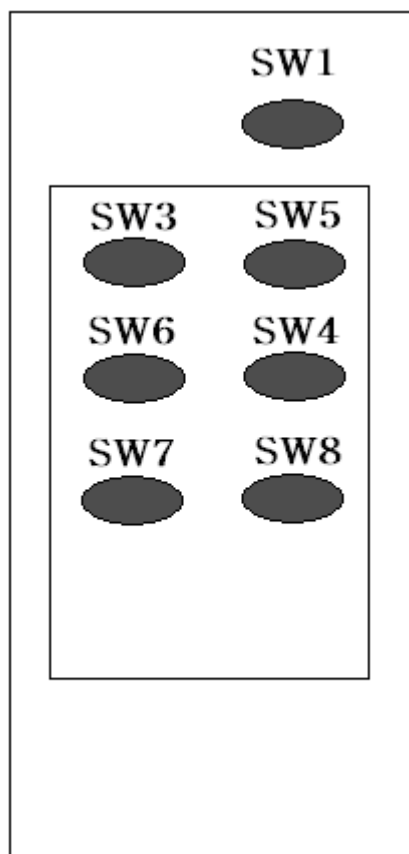


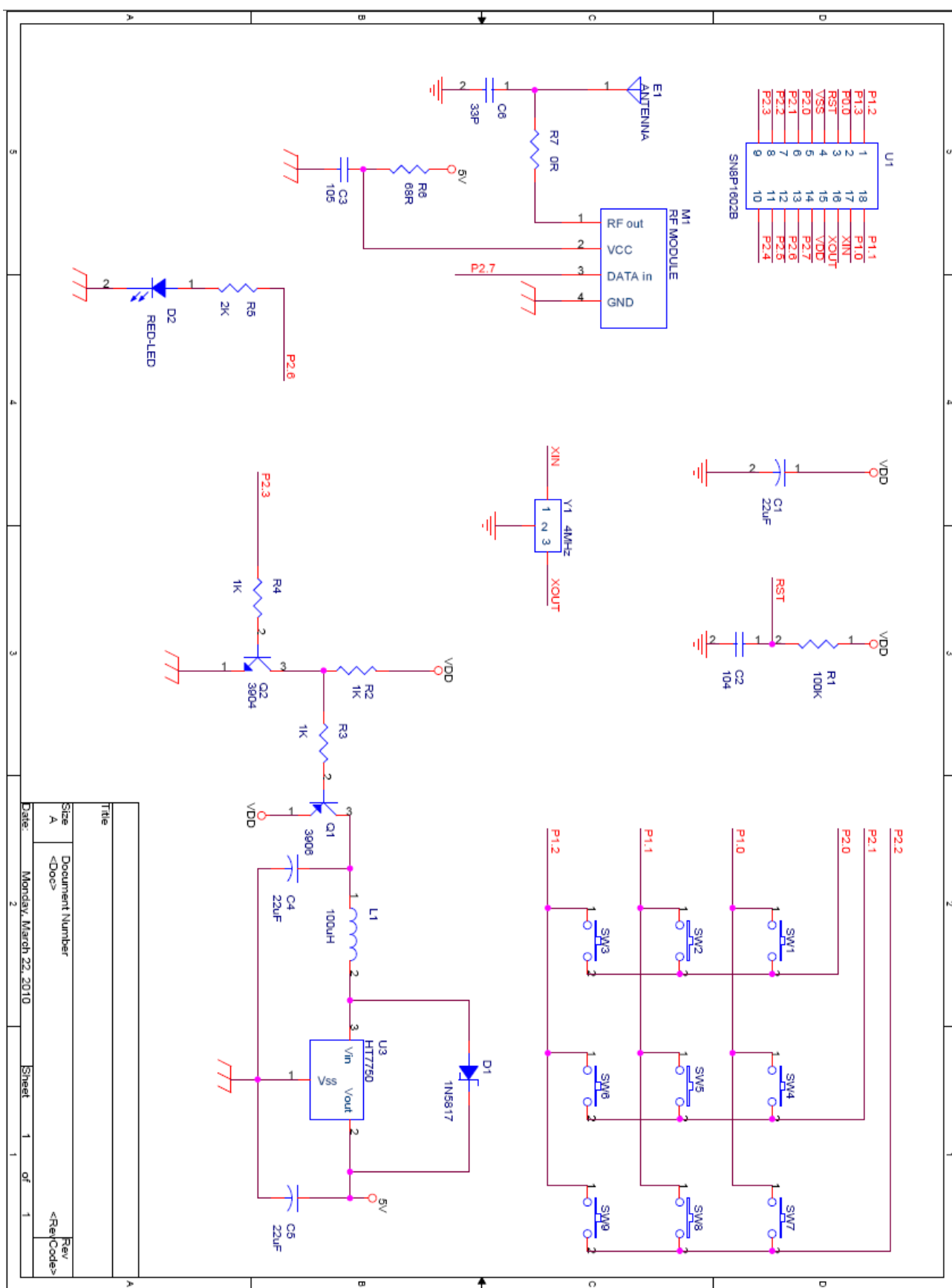
4.

- | | |
|-------------|----------------------|
| (1)按鍵內碼 SW1 | #0AAH (放開即停,按住連續送4秒) |
| (2)按鍵內碼 SW3 | #0A7H (送3次) |
| (3)按鍵內碼 SW6 | #0A2H (送3次) |
| (4)按鍵內碼 SW5 | #0ACH (送3次) |
| (5)按鍵內碼 SW4 | #0A3H (送3次) |
| (6)按鍵內碼 SW8 | #0A0H (放開即停,按住連續送4秒) |
| (7)按鍵內碼 SW7 | #0A4H (放開即停,按住連續送4秒) |



KEY 位置圖：





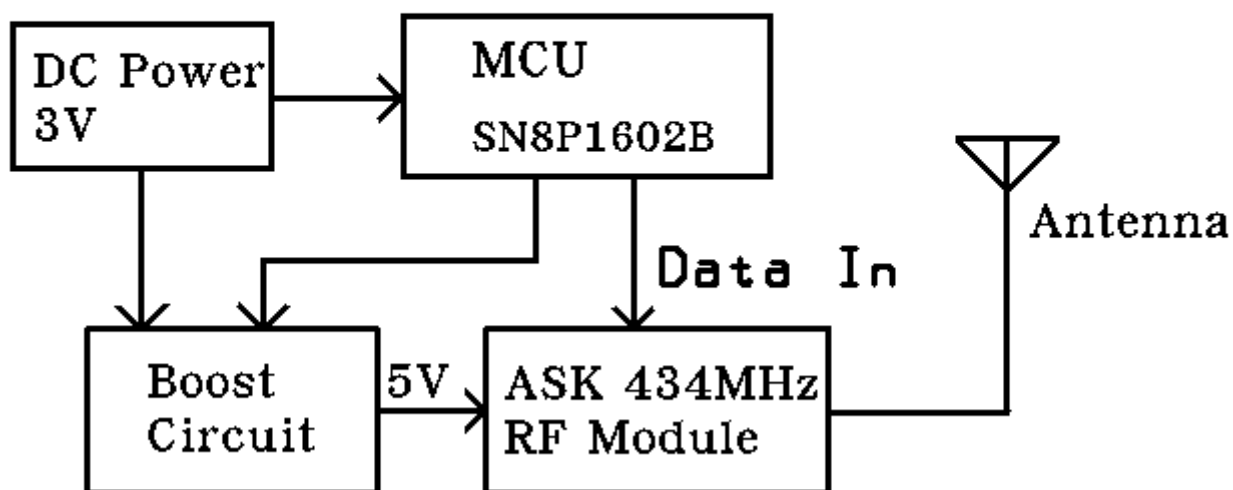
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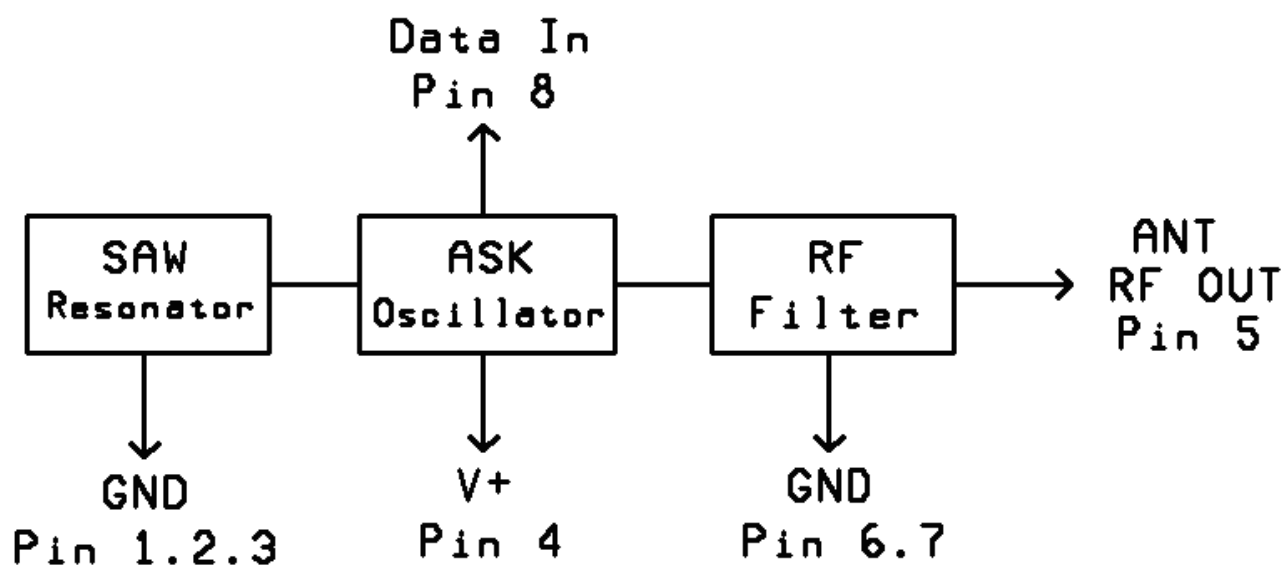
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BLOCK DIAGRAM



UHF ASK 433.92MHZ

SAW Oscillator Radio Transmitter

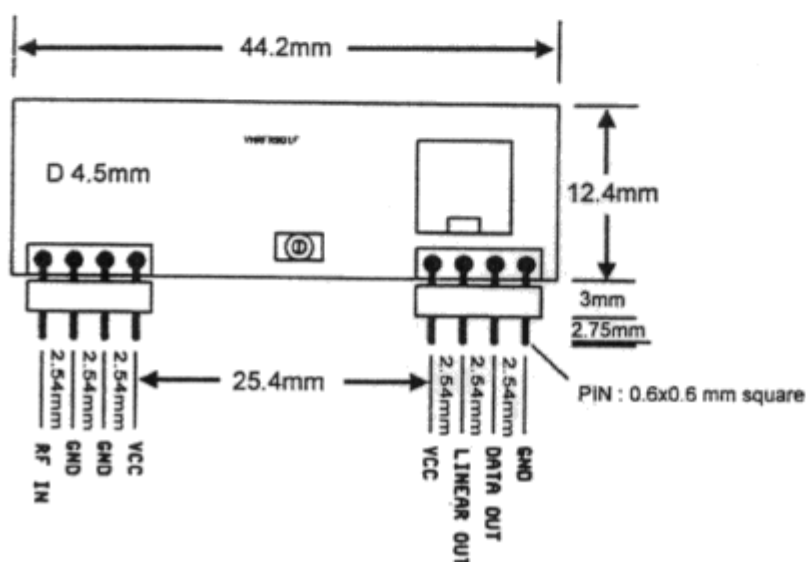
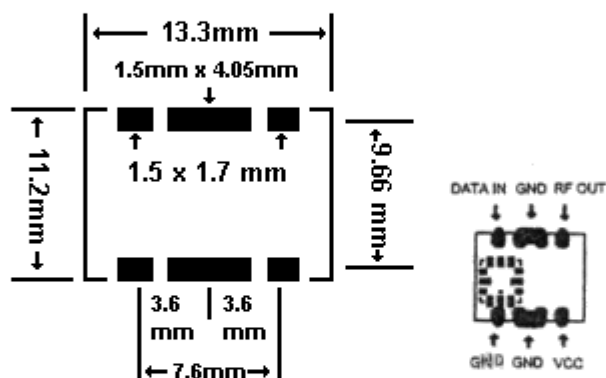




• ASK RF Module for 280~434Mhz Wireless RF Applications

FEATURES:

- Power Consumption Operation
- RX YH-R-SD3 5V, TX YH-T-SAW 12V
- Low Power Consumption Operation
- RX YH-R-SD3-L 3V, TX YH-T-SAW-L 3V
- ASK Modulation/Demodulation
- Low spurious noise, Data rate 4800 bps typical
- Dimension (Tx: 13.3×11.2×4.5mm; Rx: 44.1×12.4×4.5mm)



ASK ELECTRICAL SPECIFICATIONS

Item No	Parameter	Description	Tx Module	Rx Module
1	Receive frequency band		N/A	280~434MHZ
2	Demodulation	Minimum		ASK detection
3	Receiver sensitivityLow Power Type	Minimum		-103dBm -100dBm
4	Data rate	Typical	4800 bps	4800bps
5	Transmit frequency band		303.85~315~MHZ 418~433.92~MHZ	N/A
6	Modulation		ASK	N/A
7	Output power		(12V)Standard 15.5dBm±1dBm@12V 8dBm±1dBm@5V (3V)Low Power 4dBm±1dBm@3V	
8	Duplex type		Transmit only	Receive only
9	RF frequency to tolerance		±100K 25C	±500K 25C
10	Temp. range	Operation Storage	-15℃ to 80℃ -20℃ to 85℃	-15℃ to 80℃ -20℃ to 85℃
11	Standard Low Power		5~12V DC (12V) 2.2~5V DC (3V)	4.5~5.5V DC (12V) 2.9~3.1V DC (3V)
12	Power consumption Low Power Type		8mA±1mA@15.5dBm ±1dBm (12V) 4.5mA±1mA@8dBm ±1dBm (5V) <u>4mA±1mA@4dBm±</u> <u>1dBm (3V)</u>	3.5mA ± 0.5mA (5V) 2mA±0.5mA (3V)
13	Dimensions		13.3×11.2×4.5mm	44.2×12.4×4.5mm

客戶確認：_____