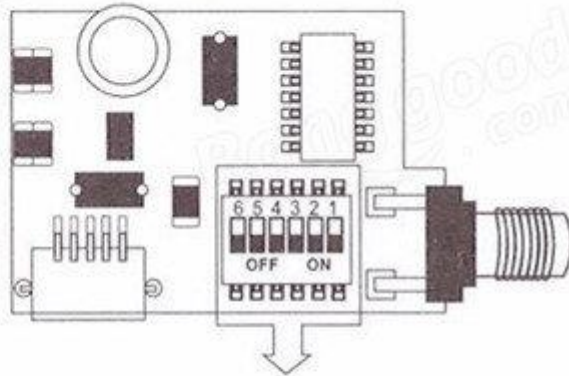
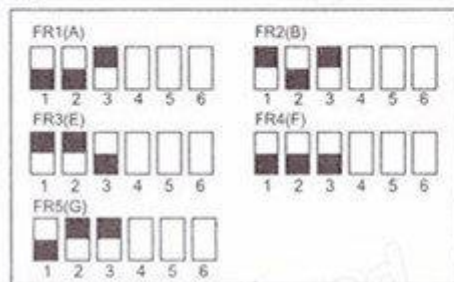


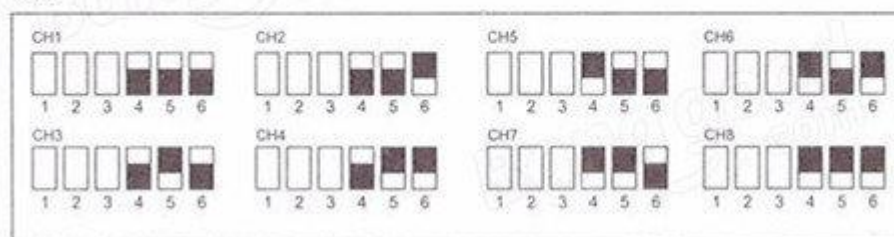
3	FR3 or (E)	CH1	---	5705	---	MHz
		CH2	---	5685	---	MHz
		CH3	---	5665	---	MHz
		CH4	---	5645	---	MHz
		CH5	---	5885	---	MHz
		CH6	---	5905	---	MHz
		CH7	---	5925	---	MHz
		CH8	---	5945	---	MHz
	FR4 or (F)	CH1	---	5740	---	MHz
		CH2	---	5760	---	MHz
		CH3	---	5780	---	MHz
		CH4	---	5800	---	MHz
		CH5	---	5820	---	MHz
		CH6	---	5840	---	MHz
		CH7	---	5860	---	MHz
		CH8	---	5880	---	MHz
		CH1	---	5658	---	MHz
		FR5 or (G)	CH2	---	5695	---
	CH3		---	5732	---	MHz
	CH4		---	5769	---	MHz
	CH5		---	5806	---	MHz
	CH6		---	5843	---	MHz
	CH7		---	5880	---	MHz
	CH8		---	5917	---	MHz
4	Operating Voltage		7.0	12	24	V
5	Supply current	---	190	---	mA	
6	Operating Temperature	-10	---	+85	°C	
7	Video Band Width	0	---	8.0	MHz	
8	Audio carrier Frequency	---	6.5	---	MHz	
9	Video Input Level	0.8	1.0	1.2	Vp-p	
10	Video Input Impedance	---	75	---	Ohm	
11	Audio Input Level	0.5	---	2.0	Vp-p	
12	Audio Input Impedance	---	10K	---	Ohm	
13	Weight	---	10	---	g	
14	Antenna Connector	SMA Connector				
15	Dimensions (L x W x H)	40x23x8mm				

## Frequency and channel frequency table

FR

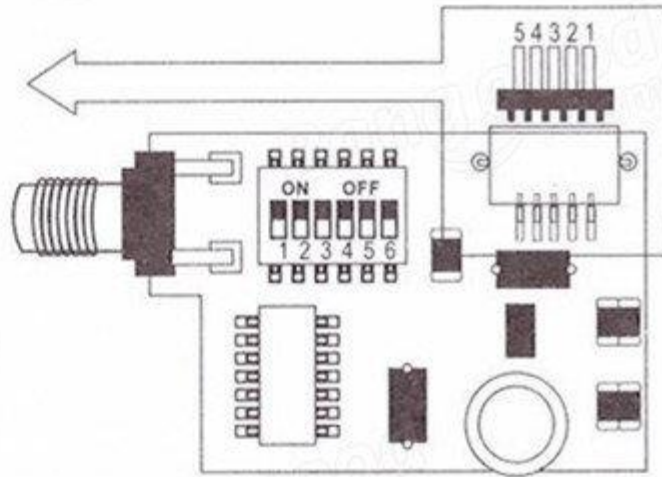


CH



FR	CH	CH							
		CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
FR	FR1(A)	5865M	5845M	5825M	5805M	5785M	5765M	5745M	5725M
	FR2(B)	5733M	5752M	5771M	5790M	5809M	5828M	5847M	5866M
	FR3(E)	5705M	5685M	5665M	5645M	5885M	5905M	5925M	5945M
	FR4(F)	5740M	5760M	5780M	5800M	5820M	5840M	5860M	5880M
	FR5(G)	5658M	5695M	5732M	5769M	5806M	5843M	5880M	5917M

Line 1:VDD\_IN(7-24V)  
Line 2:GND  
Line 3:VIDEO\_IN  
Line 4:AUDIO\_IN  
Line 5:GND



**Specification:**

Brand Name: Skyzone  
Item Name: Transmitter Module  
Item NO.: TS5823S  
Modulate: Wideband FM Modulate  
Video Format : NTSC/PAL  
Output Impedance:50 Ohm  
Output Power : 23-24dBm  
Channel:40 CH  
Operating Voltage: 7V-24V  
Supply Current : 190mA  
Operating Temperature: -10~85°C  
Video Band Width : 0~8.0 MHz  
Audio Carrier Frequency : 6.5 MHz  
Video Input Level: 0.8~1.2 Vp-p  
Video Input Impedance : 75 Ohm  
Audio Input Level : 0.5~2.0 Vp-p  
Audio Input Impedance : 10K Ohm  
Connector: RP-SMA Female (Inner needle)  
Antenna Connector: RP-SMA Male (Inner hole)  
Dimension: 40mm x 23mm x 8mm  
Weight: 7.3g