

SR7450 operation schematic diagram explanation

Frequency Range	2402 – 2480 MHz
Modulation Techniques	FHSS
Number of Channels	79 Channels
Antenna Specification	PCB Antenna with 2.12 dBi gain (Max)
Hardware Version	0730
Software Version	0730

Instruction

1. After the Bluetooth module CSR BC5-MM is matched with the Bluetooth device, CSR BC5-MM is a Bluetooth v2.1+EDR lower power Bluetooth modular, integrated 26MHz Crystal, the Bluetooth module accepts the Bluetooth audio signal VOL+/VOL- to enter the ALC5676 DSP Audio signal into the audio signal processing, the output of the output through the ALC1006. ALC5676 DSP integrated 11.2896MHz Crystal;
2. when the analog audio signal, model Bluetooth will cut off the Bluetooth module to receive audio signal, signal VOL+/VOL- and then enter the ALC5676 DSP into the audio signal processing, through the ALC1006 amplifier output audio signal
3. USB power supply BQ24295 through 5V to the battery charging, the battery to the tooth blue (3.3V) and power amplifier power supply. USB port only used as charge for the sample, cannot exchange data with PC;
4. At the same time Battery though BQ24295 output POWER USB DC5V 1A;

Manufacturing tolerance

Bluetooth

GFSK (Average)			
Channel	Channel 00	Channel 39	Channel 78
Target (dBm)	2.0	1.0	-1.0
Tolerance \pm (dB)	1.0	1.0	1.0
8DPSK (Average)			
Channel	Channel 00	Channel 39	Channel 78
Target (dBm)	0.0	-1.0	-2.0
Tolerance \pm (dB)	1.0	1.0	1.0
$\pi/4$ DQPSK (Average)			
Channel	Channel 00	Channel 39	Channel 78
Target (dBm)	1.0	-1.0	-2.0
Tolerance \pm (dB)	1.0	1.0	1.0