

Operation Principle

Operation frequency:	BT	2402 MHz~2480 MHz
Modulation Type:	GFSK, $\pi/4$ -DQPSK, 8-DPSK	
Antenna type(s) and Gain(s):	PCB antenna 0dBi	
Power Supply Range:	AC100-240V,50/60Hz	

This Product is a Speaker with Bluetooth Wireless Technology, works with AC100-240V,50/60Hz.

Its circuits include MPU system, USB HOST interface, BT module and PMU unit.

IC2(ADAU1701) is the main IC of the whole system. Y3 is a 12.288MHz crystal, it provides a sine clock signal for IC2(ADAU1701).

The BT module is IC3(CH340T),Y2:12MHz Crystal oscillator for RF IC circuit transmitting out PCB antenna.