

Circuit Description

Model No.: HP-0662

HP-0662 is a 2.4GHz bluetooth receiver and transmitter integrated product. It has two channels and the operating frequency is 2402-2480 MHz. It is powered by a 3.7V~4.2V polymer lithium-ion battery. Through a 2.4GHz frequency transceiver Bluetooth product connection.

The main IC functions are as follows:

U1 is the MCU of the RF transceiver (main control: AC6956A)

Y1 is a 24MHz crystal oscillator for the clock signal

Operating frequency: 2402-2480 MHz

Modulation Type: GFSK, $\pi/4$ -DQPSK, 8DPSK

Antenna Type: PCB Antenna

Antenna Gain: 0dBi