

CIRCUIT DERSCRIPTION

1. Battery(3.7V)provides energy for the Bluetooth chip(AC6969) ; Crystal oscillator(24Mhz) provides the clock signal for the Bluetooth chip. Bluetooth signals get through a matching circuit, and then transmitted to the space through the antenna (2402MHz - 2480MHz) . When the product is connected, the product can be in two - way communication with other Bluetooth devices, and then the device's Bluetooth module sends Bluetooth signals into space, the product receives the Bluetooth signal through an antenna, transmission to the Bluetooth chip via matching circuit.

2. The main control IC drives the MOS tube (Drive circuit), the MOS push-pull capacitor and the inductor resonate, sent out 10~20V voltage /110-205K oscillating, The communication module detects and receives the signal and feedback to MCU. MCU will adjust the transmission frequency according to the signal to control the circuit within a certain range. The main control operating frequency is 24MHz.

Frequency Range: 110-205kHz