

circuit description

A Battery (3.7V) Powers the Bluetooth chip (AC6969A); crystallized Oscillator (24MHz) provides clock signal for Bluetooth chip products.

Broadcast state during standby, according to a certain time interval. The bluetooth signal passes through the matching circuit, then transmission to space (2402MHz-2408MHz) via antenna. when after the product is connected, the product can have two-way communication with the mobile phone

The phone, then the phone's bluetooth module sends a bluetooth signal to space

The product receives the bluetooth signal through the antenna and transmits it to

The Bluetooth chip passes through the matching circuit.

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

Antenna Specifications be used: -0.68dBi