

Circuit description

The battery (3.7V) provides energy for the Bluetooth chip (AC6969D); The crystal oscillator (24MHz) provides Bluetooth chip products with the broadcast status of the clock signal in standby, according to a certain time interval. Bluetooth signals are transmitted to space (2402MHz-2408MHz) through matching circuit and antenna. After the product is connected, the product can communicate with the mobile phone in a two-way way. Then the Bluetooth module of the mobile phone sends the Bluetooth signal to the space. The product receives the Bluetooth signal through the antenna and transmits it to the Bluetooth chip through the matching circuit.

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