

Circuit Principle description:

This is a Bluetooth headset, use the chips IS1035NM (U2), in line with BLUETOOTH2.0 + EDR specification, which is a single chip radio and baseband IC for bluetooth 2.4GHZ syetems including enhanced data rates (EDR) to 3Mbps.

Power Supply of this product with rechargeable polymer lithium-ion battery, power supply voltage is 3.7V, charging input voltage DC 5V, the charge current and charge at the completion of such managed by U1,

System, the base frequency of 16MHZ, through-chip PLL circuitry inside the octave to the 2.4GHZ band, RF transmitter and receiver integrated into the U2 internal, RF signals through the PCB to achieve receive and transmit antenna A1,

Use of PCB antenna, impedance matching at 2.45HGZ, wireless communications distance of 10 meters,