

Circuit Description

BT08_TX part is the use of ISSC Bluetooth chip IS1621NM as master, is a FLASH version of the chip, specifically with BT08_RX to customize the software to connect directly to the corresponding BT08_RX boot Bluetooth devices, eliminating the trouble of matching operation, the whole voltage is 3.6V to 5.5V power supply in two ways, one is using three 3A batteries, one is using the computer or the MICRO USB charging interface, 5V power supply mode. External MICRO 5PIN will automatically cut off power supply when the battery power supply. The two power supply over a 4V to the Bluetooth chip LDO transform IS1621NM power, external amplification to increase the 2.4GHz RF IC, improve Bluetooth transmission power, maximum power amplification to 14.5dB. Also improve the receiving sensitivity, acceptable level of -90dBm, Bluetooth chip integrated DC-DC and LDO, to the Bluetooth baseband circuitry, RF circuitry, audio circuitry, Bluetooth master and also plug the EPROM 24LC08 also store the Bluetooth information. There are two buttons and two external Bluetooth indication LED, a power switch button is turned on or off the Bluetooth circuit, a connection is the connection button is the corresponding BT08_RX; a light indicates the power status light to turn a long, off the off, a light is only Bluetooth connection status, connection may have been a long light. BT08_TX behind a 3.5mm audio input interface, the external audio signal is transmitted out of the channel, through BT08_RX to accept, and then play out.