Operation Description

This is an adoption of ISSC program single track Bluetooth speaker, use the chips IS1681S, in line with BLUETOOTH3.0 + EDR specification, which is a single chip radio and baseband IC for bluetooth 2.4GHz syetems including enhanced data rates (EDR ) to 1 Mbps.
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 U3, the charge indicator light for the LED 2, charging for the the red LED has been light, the charge saturated red LED off.

Automatic switching line in and Bluetooth modes : turn on the speaker it is bluetooth mode,insert the AUX cable into the speaker it switches to the line in mode.
Adjust the volume by R1 potentiometer

System, the base frequency of16MHZ, through-chip PLL circuitry inside the octave to the 2.4GHz band, RF transmitter and receiver integrated into the U1 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.