

## Circuit Description

### 1, **Bluetooth reception works:**

Bluetooth audio and multimedia equipment to establish a connection, multimedia equipment sent digital signals through the circuit BT-ANT antenna received and sent to AC6966B Bluetooth chip, Bluetooth chip after demodulation, digital conversion, AC6966B output analog left and right audio signal, analog signal sent to the signal amplifier U9 and U10 LTK5129 chip, after signal amplification to the horn.

### 2, **charging circuit principle**

Charging the lithium battery: When the USB1 seat enters DC5V voltage, chip U1 4054 works, starts charging the battery when the battery voltage is low, the D5 LED lights up, and when the battery is fully charged, the 4054 stops charging the battery and the D5 LED goes out.

Frequency Range: 2402~2480MHz