

Work Diagram Description

1. *Power*

The battery power go into U1 then supply an output 1.8V from pin 5 to all the 1.8V terminals.

The LEDs power is direct supply by battery pack VBAT terminal (3.6V).

2. *Key , Switch and LED Indicator*

Keys is according to user's inquire to U2 to control LED indicators and other components

3. *Transmitter & Receiver*

U2 is Bluetooth Module which complies with Bluetooth specification version 1.1 and integrates RF and baseband controller. Bluetooth's message through Module's ANT radiation RF signal to Bluetooth's Devices. U2 receive the RF signal through Module then decode the messages to activate the parts correctly.

4. *Audio*

U1 Send audio signal to Speaker

U1 receive audio signal from Microphone

5. *Charging*

Adapter send 5V signal into U3 (LTC4054L) then charging the battery, The bluetooth device cannot operate during in charging mode.