

## Operation Description

Charger Circuit: Lithium battery charge management and indicator circuit. The lights are red in the charging and light turn to green completed charge,.

Li-Battery: The battery powered the machine

U6 DC-DC Setup IC: Battery voltage change to 5V to provide a stable Voltage to audio chip, The working frequency of the booster chip is 1.2 MHz.

U1(BT SOC AC4601B): Bluetooth control chip is responsible for bluetooth management; 2.4 GHz wireless transmission, receiving processing, telephone input processing; User input and output interface processing display; Control and disposal of radio circuits. Audio input/output processing, etc

U3(FM MODUAL): Receiver Circuit ;。

U5(Power Amplifier): Audio amplification circuit. Audio amplification, horn drive.

U2/U4(LED Driver): Digital tube power supply and drive.

AUDIO IN: AUX IN External source input

KEY IN:

Y1,Y2,Y3: Chip clock source

Operating Frequency	2402MHz~2480MHz
Modulation	GFSK, $\pi/4$ -DQPSK
Bluetooth Version	BT V3.0(EDR+BR)
Number of Channels	79 Channels
Antenna Type	PCB Antenna
Antenna Gain	1 dBi