

Operation Description

Circuit Description

- 1、120 Lumen Bluetooth Lantern is a product which contain blue tooth loudspeaker (use OVC3960 blue tooth stereo RF module、Standard Blue tooth 3.0); headphone jack and lighting.
- 2、The circuit include two 3.6V voltage-stabilizing circuit (one is power for LED, another is power for OVC3960 blue tooth stereo RF module); OVC3960 blue tooth stereo RF module and CS8122S single track class-D audio power amplifier. Use 4xC dry batteries.

The General Information of the Device

Frequency	2402-2480MHz
Bluetooth	Support 3.0
Antenna	Inside
Modulation	GFSK(1Mbps), $\pi/4$ -DQPSK(2Mbps), 8-DPSK(3Mbps)
Chanel Number	79
Chanel Spacing	1M
Peak Output Power	0.522dBm