

Operatrion Description of the Bluetooth Speaker PF302

1. BTP501 is a module for Bluetooth 2.4GHz. 16Mbit of internal Flash memory. When used with CSR Bluetooth stack. It provides a fully compliant Bluetooth system to V2.1+EDR of the specification for data and voice.
2. U1 use for charging Li-ion battery(3.7V) , input USB DC5V.
3. U4 is Class D amplifier, used for drive the speaker.
4. U3 is OP. Used for analog audio amplifier.
5. U5 is LDO (3.3V) power supply Bluetooth module.
6. U2 is used for step up DC to DC(3.7V to 5V). Power supply U3,U4 and U6.
7. Q1,Q2,Q3,Q4 is used for power switch, Q1 controlle L-in to mute,Q2 controlle power suplly MIC,Q3 and Q4 controlle power LED.