

## The brief introduction of the circuit for the Bluetooth Speaker PF305

1. PF305 is a module for Bluetooth 2.4GHz 16Mbit internal Flash memory which 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 is used for charging Li-ion battery(3.7V).Input from USB DC5V.
3. U4 is used for stepped up DC to DC (3.7V to 5V)
4. U7 is LDO(3.3V) for supply Bluetooth module
5. U3-A/U3-B is used for analog audio amplifier
6. U5/U8 is used for source selecting
7. U6 is used for driving speaker
8. Q21/Q16 is used for power switch