The brief introduction of the circuit for the Bluetooth Speaker PF304

1. PF304 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+ECR of the specification for data and voice.

2. U101 is used for charging Li-ion battery(3.7V).Input from USB DC5V.

3. U202 is used for stepped up DC to DC (3.7V to 5V)

4. U203 is LDO(3.3V) for supply Bluetooth module

5. U301 is used for analog audio amplifier

6. U302/U303 is used for source selecting

7. U304 is used for driving speaker

8. Q206/Q207 is used for power switch