

The brief introduction of the circuit of the Bluetooth Speaker k39200

1. Power adaptor used for DC 12V to DC5V, than supply to Bluetooth Module 3.3V by Voltage Regulator, 5V supply Power Amplifier.
2. RP1 is a Bluetooth Module, it is based on CSR BC05 Multimedia External chipset and fully compliant with Bluetooth Specification V2.1. The BlueCore5-Multimedia RF local oscillator and internal digital clocks are derived from the reference clock at the BlueCore5-Multimedia 26MHz Crystal Y.
3. U3 used Linear Regulator 3.3V output to RP1.
4. U4 used Linear Regulator 3.3V output to U1.
5. U2 is Class D amplifier, used for drive the speaker.
6. U1 OP. Used for analog audio amplifier.
7. Antenna is printing antenna