

Operation Description

Main unit

- 1 · Power adaptor used for AC 100-240V to DC18V , supply to MCU and RF Module 3.3V by DC to Dc Voltage Regulator,18V supply Power Amplifier CS4525 U101.
2. RF_MODULE1 is a 2.4G RF Module, This Module communication with MCU 2.4G bidirectional from main unit and remote unit .
3. U5 DC to DC Reg 5V
4. U4, is OpAmp for analog amplifier5.U8 used Linear Regulator 3.3V output .
5. U101 is Class D amplifier CS4525 , used for drive the speaker.
6. U7 is ipod IC for authentication
7. Q2,Q6,Q9-Q18 Is Audio signal selector