

The brief introduction of the circuit of the Bluetooth Speaker (UD1404)

1. U702 for Power Amplifier TPA3118D2, Voltage Regulator 18V
 2. BT1 is a Bluetooth Module, BlueCore CSR8670 BGA is a product from CSR's Connectivity Centre. It is a V3.0 System, DSP Stereo Music , IC for Bluetooth 2.4GHz systems including basic rate, EDR to 3Mbps .
 3. Wifi201 is a module for 2.4GHz WIFI, internal Flash memory. When used with GS450H WIFI stack. It provides a fully compliant WIFI system to WIFI of the specification for data and voice.
 4. DC 18V from Adapter,
 5. U202 for generate I2C Signal
 6. U203 for I2S Signal Into Analogy Signal
 7. U301 for MCU Control
 8. U302 for LED Driver
 9. U2 for Coaxial Signal Into Analogy Signal
 10. U401-U405 for Source Channel Select
 11. U1 for DC to DC Reg3.3V
 12. Q1,Q2 for 18V AMP power switch
 13. Q3,Q4 for 3.3V BT power switch
 14. Q5,Q6 for 3.3V Wifi power switch
 15. U701 for OpAmp for analog amplifier
 16. NFC tag for pair Bluetooth pair only, The NFC tag have not any connection with PCB
 17. Antenna Type: PCB Antenna. Ant. gain:0dBi. (Bluetooth)
- Antenna Type: PCB Antenna. Ant. gain:2.5 dBi. (GS450H WIFI)