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

- 1. 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)