

The brief introduction of the circuit of 2.1 Wireless Audio System

1. Power adaptor used for AC 100-240V to DC18V/2.5A , supply to MCU201 and Bluetooth Module

3.3V by DC to Dc Voltage Regulator, 18V supply Power Amplifier STA339BWS U103.

2. BTP501 is a Bluetooth Module, This Module Apple iAP over Bluetooth A2DP for stereo music

AVRCP for control the iPhone CVC for speaker Phone .

3. Q002 18V DC input.

4. U001 DC to DC Reg 5V

5. U1 and U302, is OpAmp for analog amplifier. U003 used Linear Regulator 3.3V output ., U002 used

Linear Regulator 3.6V output

6. U101 output OSC 12.288MHz to U102 and U103, U102 A/D converter , U103 is power amplifier

STA339BWS , used for drive the speaker.

7. U202 is ipod IC for authentication

8. Q1A-Q4A, Q1B-Q4B, Q302-Q305 Is Audio signal selector

9. U203 is function LED indicator driver (shift register)