

Raspberry Pi + BOSS Power Input Methods

- 1) **Power in to Raspberry Pi Micro USB Power connector :** BOSS will source the power from Raspberry Pi through 40 way GPIO header.
- 2) **Power in to BOSS J19 Header (16 way GPIO connector):** Connect 5v to pin 15/16(GND) & 1/2 (+5V) using jumper wires. This method is useful while using Pi display controller boards. Raspberry Pi will source power from BOSS through 40 way connector.
- 3) **External/Battery Power In to BOSS through J4 Connector:** Isolate BOSS power and RPI power by removing R826, assemble R828, then feed 5V through J4 header. Refer fig-2 & Fig-3

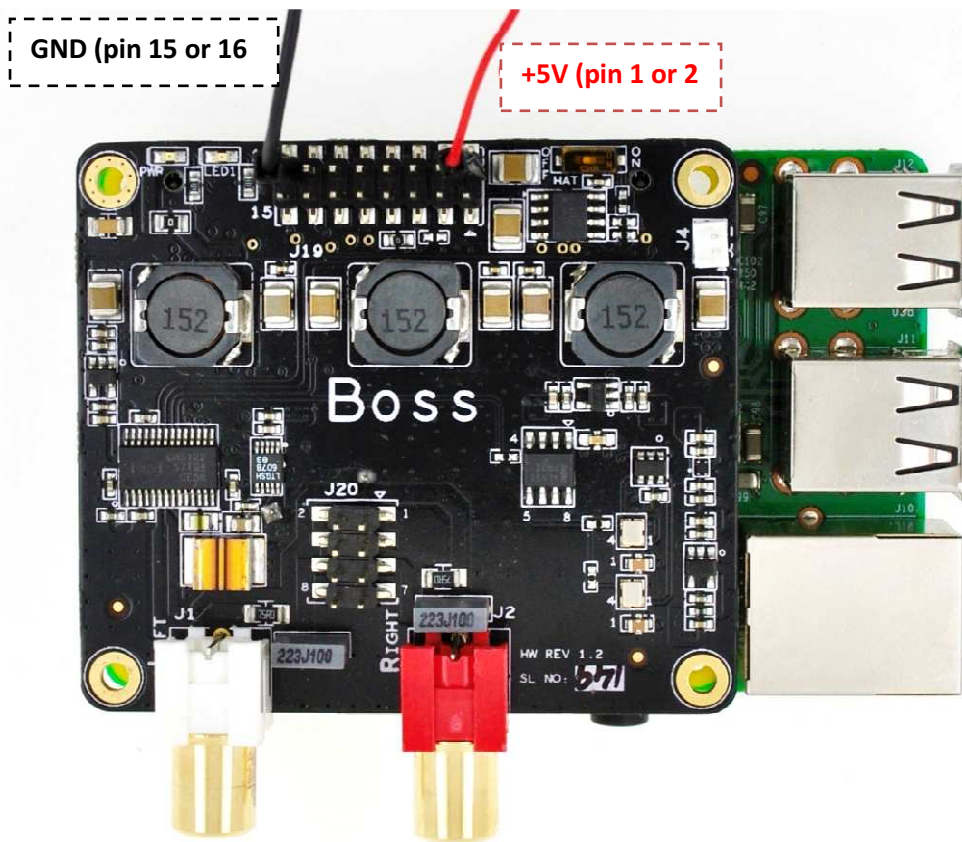


Fig-1 : BOSS + RPI power in Through BOSS J19 header.

BOSS 5V External Power In (J4)

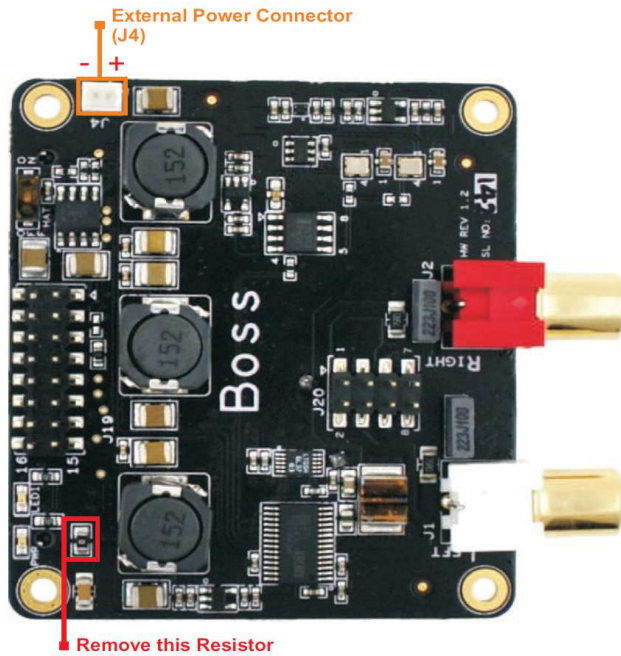


Fig-2 (BOSS TOP VIEW)



fig-3 (BOSS BOTTOM VIEW)

1) Remove OE resistor (location R826)

2) Assemble OE location R828(0805 package)

BOSS J4 Connector Type: 0530470210

51021 Harness 2pin 1.25mm

HEADER 1.25mm Vertical



Fig-4



fig-5