

TWRPS-3V3 Shunt regulator



Low noise voltage shunt regulator designed to provide power supply to the isolated side of the TWSAFB-XMOS and the TWSAFB-USB I2S/DSD over USB interface.

Features:

Input: 10 VAC

Output voltage: +3V3DC/150mA

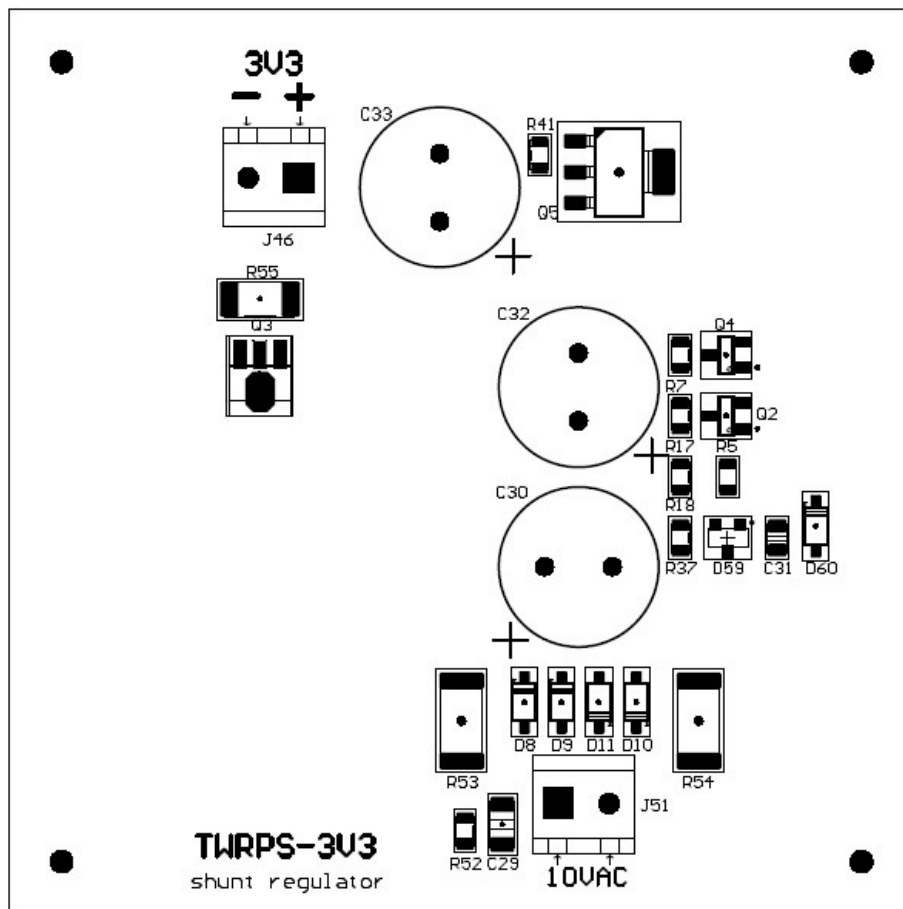
Output current: up to 150 mA

Power supply for: TWSAFB-XMOS, TWSAFB-USB (I2S/DSD over USB interface, isolated side)

Board size: 68mm x 68mm

Board options: finished

PCB layout



Connectors

J51 (XFMR SEC): 10 VAC input. Suitable transformer is the Hammond 229B20 Mouser part 546-229B20

J46: regulated +3V3DC (connect to J106-3V3 DC IN of TWSAFB-XMOS)

There is 1 available option for this board:

- finished board (fully assembled and tested)