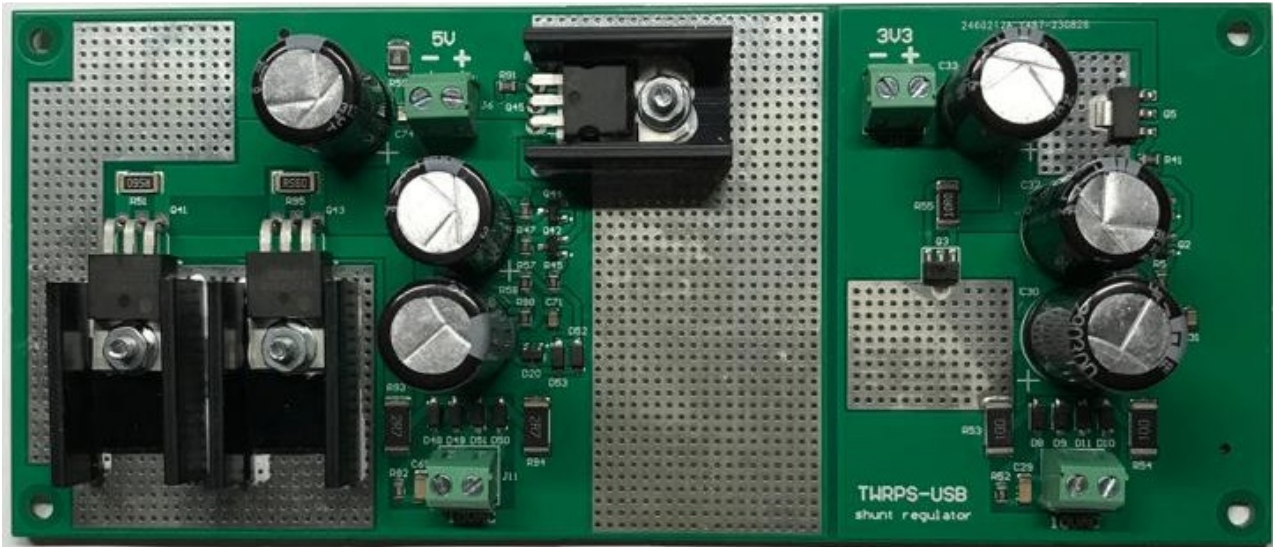# TWRPS-USB Shunt regulator

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

Features:

Input: 2 x 10 VAC

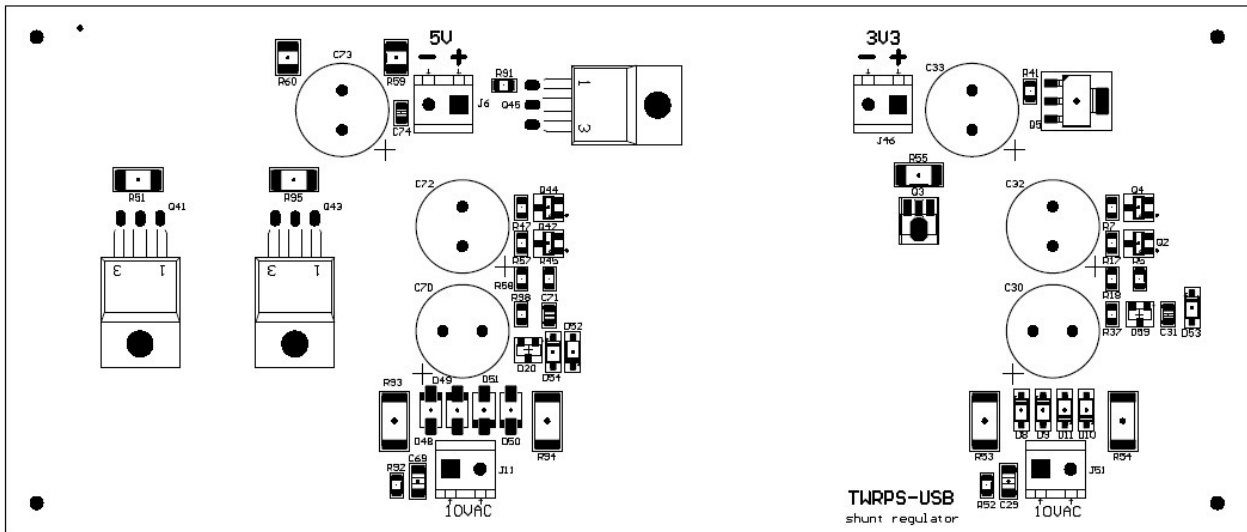**Output voltage:** +5VDC/400mA, +3V3DC/150mA

Output current: up to 550 mA

Power supply for: 1 TWSAFB-XMOS (I2S/DSD over USB interface)

Board size: 160mm x 68mm

Board options: finished

PCB layout

Connectors

J11-J51 (XFMR SEC): 10 VAC input. Suitable transformer is the Hammond 229B20 Mouser part 546-229B20

J6: regulated +5DC (connect to J112-5V Ext supply of TWSAFB-XMOS)

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)