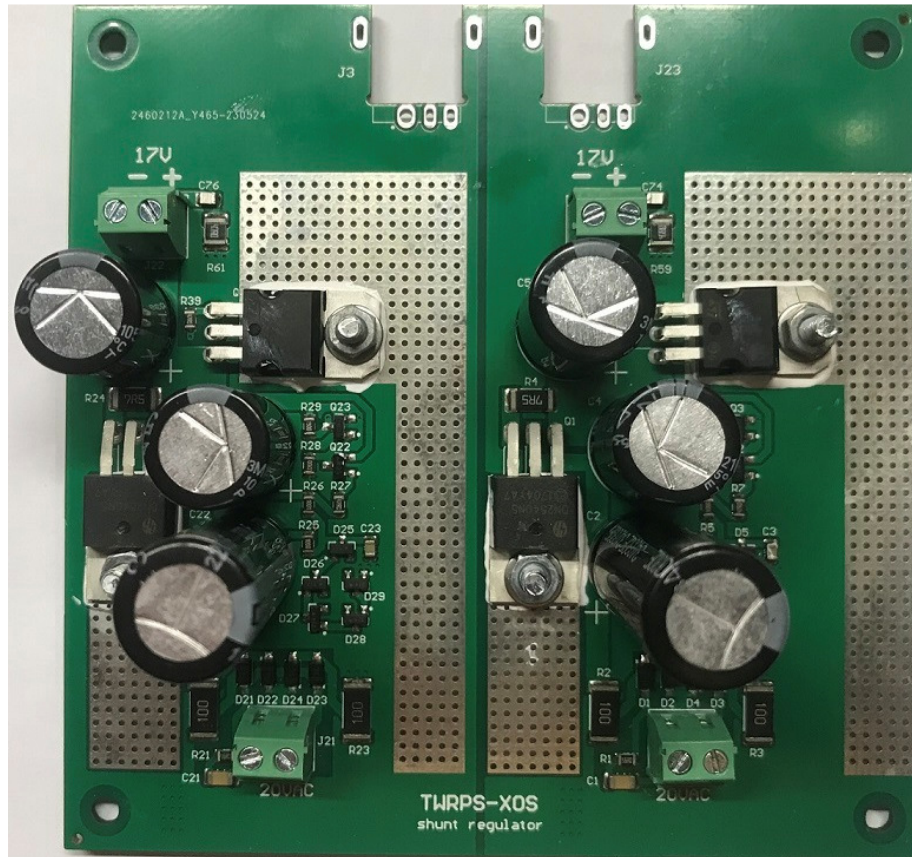


TWRPS-XOS Low noise shunt regulator



Low noise shunt regulator designed to provide power supply to the oscillators and the frequency doublers.

Features:

Input: 18 to 20 VAC

Output voltage: 17 VDC

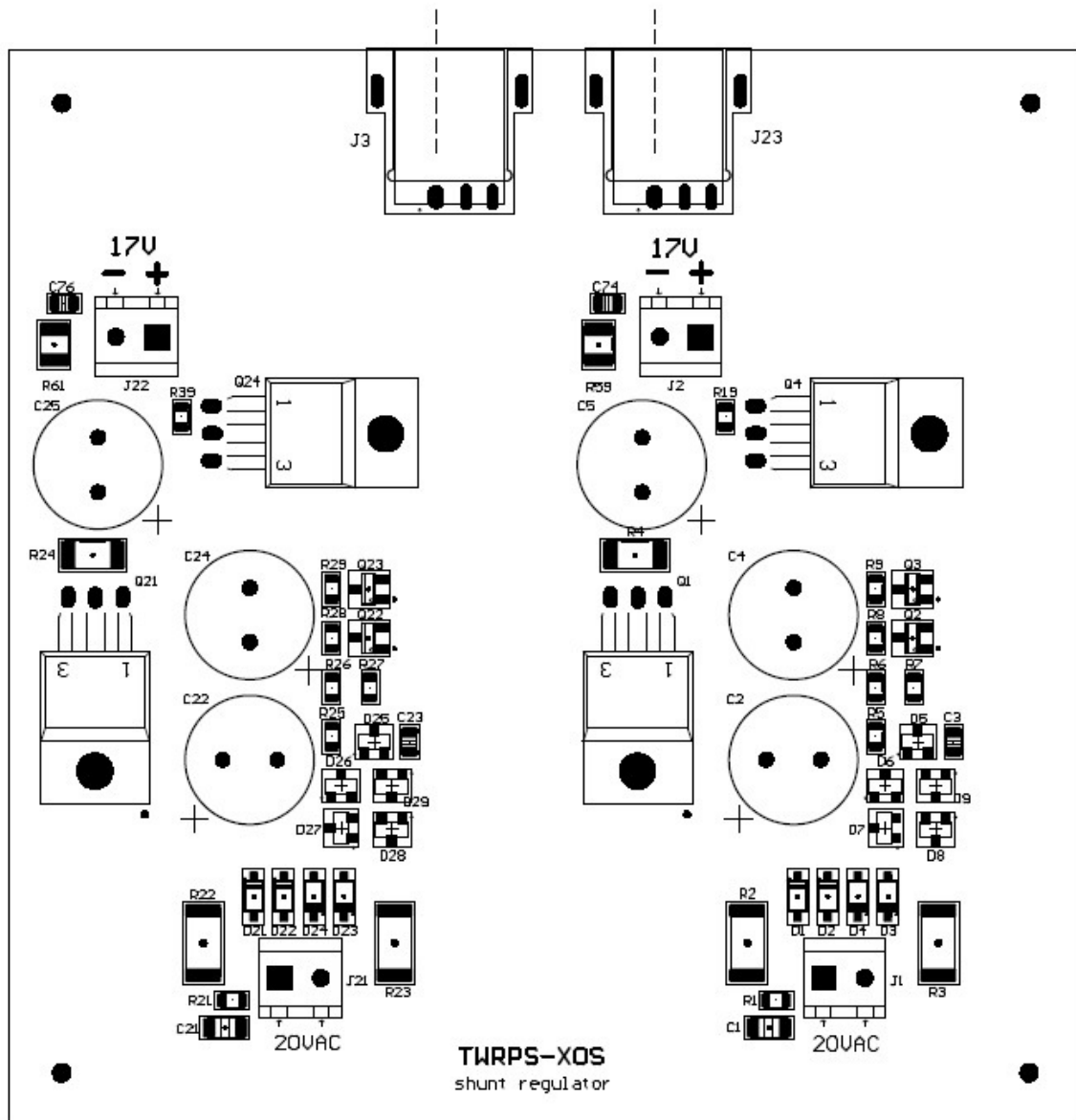
Output current: up to 220 mA

Power supply for: 2 x oscillators + 2 x frequency doublers

Board size: 100mm x 100mm

Board options: finished

PCB layout



Connectors

J1, J21 (XFMR SEC): 18-20 VAC input. Suitable transformer is the Hammond 229B20 Mouser part 546-229B20

J3-J22, J2-J23: 17 VDC regulated output. Suitable plug connector CUI PP3-002B Mouser part 490-PP3-002B (internal is +V, external is ground).

There are 1 available option for this board:

- finished boards (fully assembled and tested)