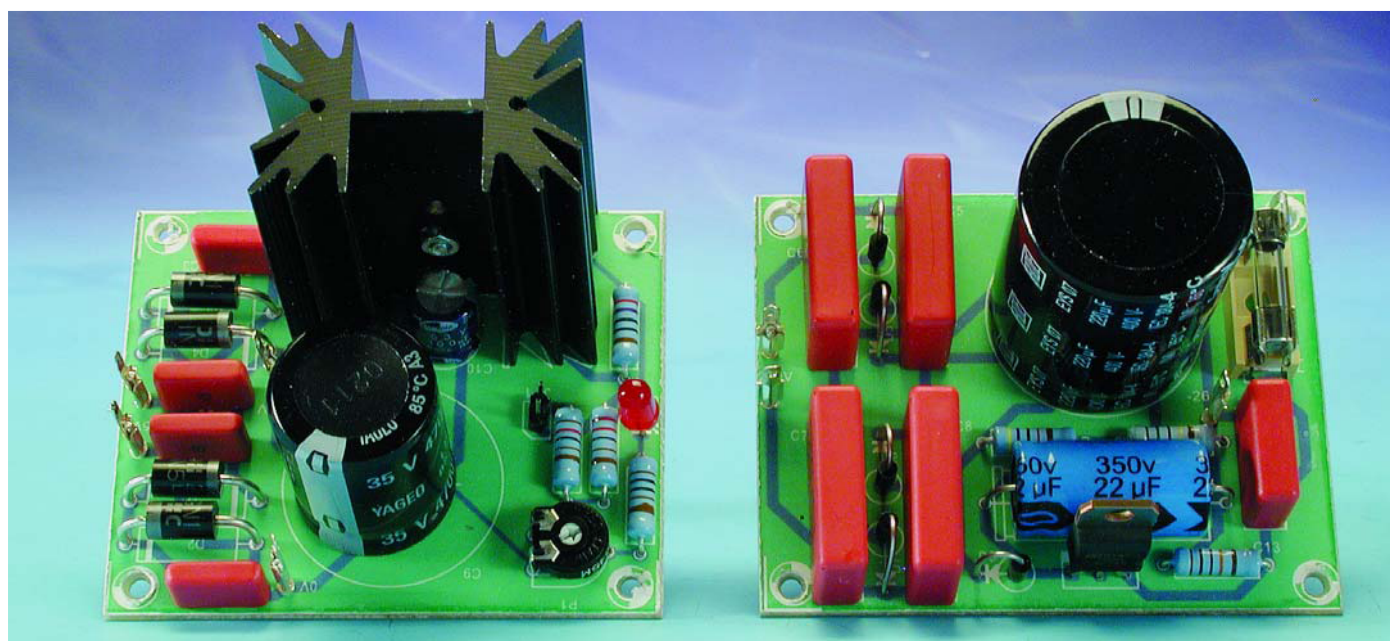
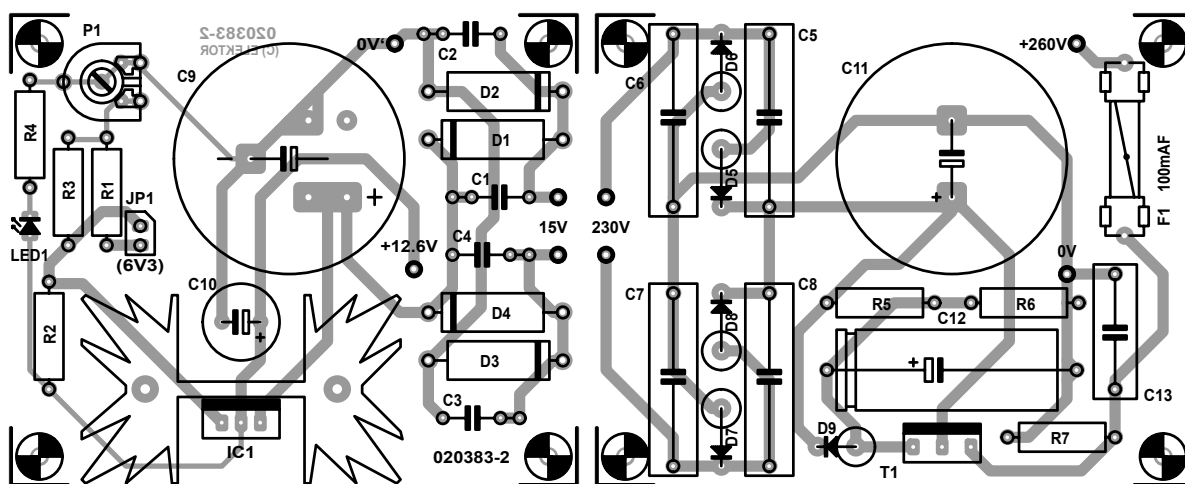
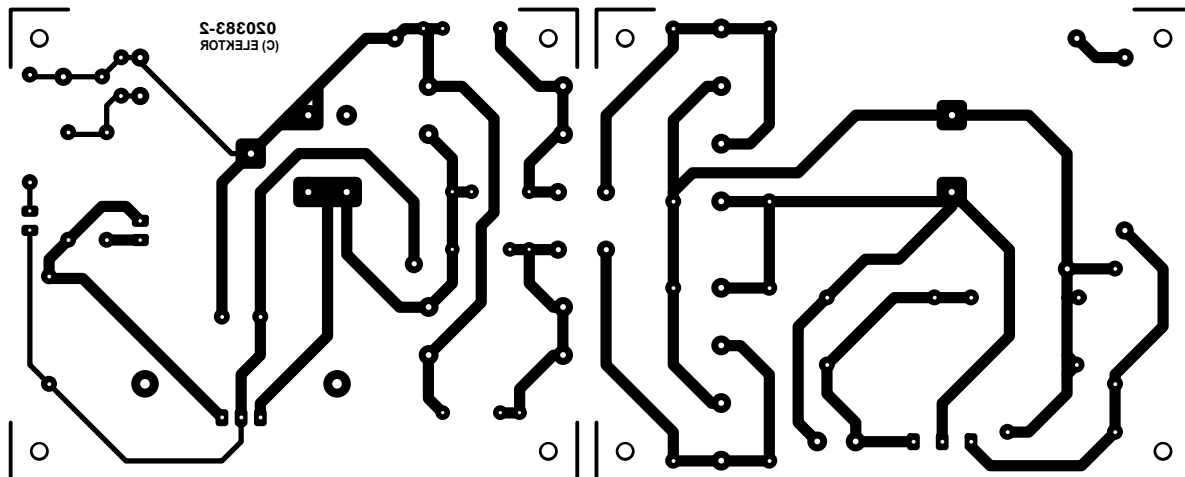




COMPONENTS LIST

Power supply boards

Resistors:

R1 = 1k Ω

R2 = 270 Ω

R3 = 2k Ω

R4 = 1k Ω

R5 = 47k Ω

R6 = 1M Ω

R7 = 100k Ω

P1 = 500 Ω preset, horizontal, lead pitch 5/2.5mm or 5/10mm

All resistors: metal film 0.5-1W, e.g., Beyschlag MBE-0414

Capacitors:

C1-C4 = 100nF 100V, lead pitch 10mm

C5-C8 = 100nF 630V, lead pitch 22.5mm

C9 = 4700 μ F 40V, radial, lead pitch 10mm or 12.5mm

C10 = 100 μ F 63V, radial, lead pitch 5mm

C11 = 220 μ F 400V, radial, lead pitch 10mm

C12 = 22 μ F 350 V, axial, 16x36 mm

C13 = 100nF 630V, lead pitch 22.5mm

Semiconductors:

D1-D4 = 1N5404

D5-D9 = 1N4007

IC1 = LM317

T1 = IRF740, BUZ61 or

BUK455-400B ($V_{DS} \geq 400V$)

LED1 = LED, 5mm dia., red

Miscellaneous:

Tr1 = toroidal transformer

230V/2x15V, 1A, Amplimo type

11013 (www.amplimo.n)

Tr2 = toroidal transformer 230 V/2 x

15 V, 0,5 A, Amplimo type 1013

(www.amplimo.n)

J1 = 2-way PCB pinheader

Heat sink, R_{th} 5 K/W, e.g., Fischer type

SK129/50,8/ST5

PCB mount fuse holder with cap, 5x20mm, lead pitch 22.5mm

F1 = 100 mAF (fast acting) fuse

8 solder pins with mating sockets (sleeves)

PCB, order code 020383-2 (see Readers Services)

