

Component list for 12V/130mA power supply.

**PCB V15 20180517.**

RM = pin spacing [mm] .

Component	Value	Conrad orderNr
Housing	Hammond 1554JGY	534429
F1,F2	Ferrite ring core (2x) U <sub>i</sub> = 5000 26mm x 14,5mm x 20mm.	534480
Br1	Rectifier bridge RM7.5mm	501204
TR1	PCB transformer Sptiznagel SPK02212	556952
C5	10.000 uF 25V (max dxh= 30 x 45mm) RM10	1325806
C1,2,3,4,7,8	Ceramic capacitor 100nF 50V RM2.5mm	530037
C6	Ceramic capacitor 330nF 50V <b>RM 2.5mm</b>	<b>1578719</b>
IC1	<b>TI LM2940IMP-12 SOT-223</b> (low drop)	FARNELL 1469075 or DigiKey
D1	(Not needed for LM2940)	
12V output bus	DIN PCB bus 5 pole 1,2 – & 4,5 +	738247
12V cable plug	DIN plug 5 pole	737811
	Euro mains cable C7 1.5m	611970
240V~ mains input	Euro PCB mains connector C8p	716968