

For the 5A charger, I have just a few parts left in stock. Only items that show a price and/or note in right most column are available

**For all items listed below with a price (order 155-LIST) \$62.00 + \$8.50 shipping**

## Parts List for 12V @ 5 Amp version

### REF DES QTY DESCRIPTION

R1,2	2	100 K $\Omega$	1/4 W 5% BN-BK-YL-GD	0.16 each
R3,4,7	3	2 K $\Omega$	1/4 W 5% RD-BK-RD-GD	0.16 each
R5,9	2	2.2 $\Omega$	1/4 W 5% RD-RD-GD-GD	0.16 each
R6,10	2	4.7 K $\Omega$	1/4 W 5% YL-VI-RD-GD	0.16 each
R11	1	1 K $\Omega$	1/4 W 5% BN-BK-RD-GD	0.16 each
R8	1	100 $\Omega$	1/2 W 5% BN-BK-BN-GD	0.24 each
RA	1	97.6 K $\Omega$	1/4 W 1% WT-VI-BL-RD-BN	NOTE 2
RB	1	20 K $\Omega$	1/4 W 1% RD-BK-BK-RD-BN	NOTE 2
RC	1	392 K $\Omega$	1/4 W 1% OR-WT-RD-OR-BN	NOTE 2
RS1,RL1	2	0.025	<b><math>\Omega</math> 3 W 1%</b> 1/40 of an ohm	NOTE 2
RS2,RL2		<b>NOT USED</b>		
C1a,b,c	3	4700 $\mu$ f Radl	35V	2.68 each
C2	1	.47 $\mu$ f Mono	(474)	0.25 each
C3	1	.22 $\mu$ f Mono	(224)	0.25 each
C4	1	1.0 $\mu$ f Mono	(105)	0.35 each
C5	1	.1 $\mu$ f Mono	(104)	0.20 each
D1	1	STPS745D	7.5 Amp Power Diode	1.44 each
D2	1	6A05	6 Amp Power Diode (or equiv)	0.46 each
D3		<b>NOT USED</b>		
LEDp		<b>NOT USED</b> DC Power LED		
LEDf	1	RED LED Final	LED 5 mm	
LEDc	1	GRN LED Charging	LED 5 mm	
BR1	1	STPS20H100CT	10 Amp Diode Bridge	2.27 each
U1	1	UC3906	IC	7.50 each NOTE 2
Q2,3	2	2N2907	PNP Sig Transistor (or equiv)	0.32 each
SOC	1	16 pin IC	socket	0.24 each
Wire	2	5 inches #24	BLACK	
Wire	1	5 inches #24	GREEN	
Wire	1	5 inches #24	RED	
Htsk	2	492-255	Custom AAVID Heatsinks	1.45 each NOTE 3
Hrdw	2	Screw 6-32 X 5/16		w/Heatsink
Hrdw	2	Nut 6-32	KEP	w/Heatsink
Hrdw	1	2 pin .100	centers	0.18 each
Hrdw	1	Screw 4-40 X 1/4		w/Fan
Hrdw	1	Screw 4-40 X 1/2		w/Fan
Hrdw	1	Nut 4-40	KEP	w/Fan
Misc	1	L Bracket Key #612		w/Fan
Misc	1	Fan 12VDC	40 mm	4.75 each
PCB	1	155 Rev C Circuit	<b>(SAVE \$10)</b>	19.95 each
METER	1	10A Full Scale		7.50 each

### NOTES:

- 1) CHIP alone \$ 7.50 each
- 2) CHIP with RA, RB, RC, RS1 & RL1 \$ 11.00 each
- 3) Custom Heatsink no longer available \$ 1.45 each  
AAVID #504102B00000G will work if mounted with care

**NOTE: For the power transistors (Q1a & Q1b), I used 2N3055 - I have none in stock**