

## BrianGT's Power Supply Parts List

Quantity	Notation	Digikey Part No.	Mouser Part No.	description	note
4	D1-D4	MUR1560OS-ND		On Semi MUR1560 diodes	other 2 pin to-220 diodes would also work here
4	for D1-D4	HS346-ND		Aavid 1.5" tall TO-220 heatsink	other lengths available from digikey
1	D5	1N4004DICT-ND		1N4004 general purpose diode	any brand 1N400X is fine here
2	C1, C2	BC2054-ND		0.1uf	bypass capacitor
6	C3-C8	P6922-ND		22,000uf 35v	for stereo Aleph 30
		P6946-ND		22,000uf 50v	for stereo Aleph 5
1	C9	P10316-ND		10uf 50v capacitor FC	this value/type isn't too important
2	R1, R2	P3.3KW-3BK-ND		3.3k 3w bleeder resistor	2.2k 2w would work also
10	R3-R12	none	none	short circuit jumper	for the standard C configuration, no R is needed
	R3-R12	P1.0W-3BK-ND		1.0 3w resistors	for CRC
2	L1, L2				for CLC
1	R20	PPC4.75KXCT-ND		4.75k 0.5w metal film resistor	
1	LED	160-1660-ND		Red LED (any color is fine)	any LED is fine here
5		281-1435-ND	651-1729018	5mm 2-Pin Terminal Blocks	

**Note: If using larger 4 pin PS capacitors, it is important to remove the extra 2 mounting pins. The mounting holes on the pcb are tied to the + capacitor input, which may cause problems with some capacitors. I apologize for this error.**