

Power Supply Parts List

quantity	digikey parts #	description	notation	note
4	MUR1560OS-ND	On Semi MUR1560 diodes	D1-D4	other 2 pin to-220 diodes would also work here
4	HS184-ND	Aavid 1.5" tall TO-220 heatsink	for D1-D4	other lengths available from digikey
6	P6887-ND	10,000uf 25v	C3-C8	for mini Aleph
6	P6914-ND	10,000uf 35v	C3-C8	for dual mono PS Aleph 30
6	P6922-ND	22,000uf 35v	C3-C8	for stereo Aleph 30
6	P6940-ND	10,000uf 50v	C3-C8	for dual mono Aleph 5
6	P6946-ND	22,000uf 50v	C3-C8	for stereo Aleph 5
10	none	short circuit jumper	R3-R12	for the standard CRC configuration, no R is needed
2	P3.3KW-3BK-ND	3.3k 3w bleeder resistor	R1,R2	2.2k 2w would work also
1	PPC4.75KXCT-ND	4.75k 0.5w metal film resistor	R20	
1	160-1600-ND	Blue LED (any color is fine)	LED	any LED is fine here
1	P10316-ND	10uf 50v capacitor FC	C9	this value/type isn't too important
1	1N4004DICT-ND	1N4004 general purpose diode	D5	any brand 1N400X is fine here

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.