

Power Supply Parts List

| Qty | 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 | 10k 0.5w metal film resistor | R0 | |
| 1 | 160-1600-ND | Blue LED (any color is fine) | LED | any LED is fine here |
| 1 | P10316-ND | 10uf 50v capacitor FC | C0 | this value/type isn't too important |
| 1 | 1N4004DICT-ND | 1N4004 general purpose diode | D0 | 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.

for the PS caps, choose the correct cap for your setup. there is nothing wrong with using higher voltage caps.