

Casing

Position of the holes

Number of holes

Hole spacing

Size of the holes

Position of the board

Cables

length of the input cable

Length of the output

Output cable specification

Soldering

Quality Check-list

- Heat sink
- Heat paste
- Silicon
- Tape
- LED
- Strain relief
- Terminal cut outs
- Polarity

Parts List

R1- NA

R2-39K

R3-3.3K

R4-2.2K

R5-33K

R6-3.9K

R7-2.2K

C1-4700/35V

C2-2200/63V

C3-103

C4

C5

C6

C7

IC1-LT1074HV

D1-8TQ100

D2-8TQ100

L1-2200LL-680-H-RC

J2 power supply modification

Input voltage range.

To increase the input voltage range we need to change the value of R2 and R3 to 19k (we use 18K) and 2.4k respectively.

Input voltage	R2	R3
20V Minimum	18k	2.4k

Output voltage

To adjust the output voltage we need to change the value of R5 and R6

Out Voltage	R5	R6
28.2	33k	2.7k
16.7	25k	3.9k
12.2	18k	3.9k
5.1	5.1k	3.9k
3.35	3K	5.6K