

# PSU BILL OF MATERIALS

## CAPACITORS

Reference	Value	Qty
C1*-□ C2*-□ C4*-□ C5*-□	100µF 5mm Electrolytic	4
C3-□	220pF 5mm Ceramic	1

## RESISTORS

Reference	Value	Qty
R1-□	1Ω 1/4W resistor	1
R2-□ R3-□ R5-□ R6-□ R7-□	1.5KΩ 1/4W resistor	5
R4-□	10kΩ 1/4W resistor	1

## OTHER

Reference	Value	Qty
F1-□ F2-□	Polyfuse 300mA Trip	2
L1-□	220µH power inductor	1

## SEMICONDUCTORS

Reference	Value	Qty
D1*-□ D2*-□	1N5817 D0-41 diode	2
U1*-□	MC34063 IC	1
U1* Socket-□	DIP 8 Socket	1
LED1*-□ LED2*-□	LED 2mm Red	2

## CONNECTORS AND MECHANICAL

Reference	Value	Qty
J5*-□ J6*-□	Shrouded IDC socket 16 pin	2
J4-□	Korean Hroparts Elec DC-012A-20A DC socket	1
Pillars-□□□□	M3 x 10mm Pillar	4
M3 Bolts	M3 x 6mm Bolt	8

Components in green are placed on the back of the board.

\* Mark means check polarity, components are marked to be placed only one way.