

The Oakly Modular
Master PSU

CAPACITORS	QTY	X	X	Designators
100nF 50V Ceramic NPO Axial	4			C1, C2, C7, C8
10uF 25V Electrolytic	3			C3, C6, C11
2200uF 50V Electrolytic 1.9A Ripple Current	2			C9, C10
10nF 50V Ceramic NPO Axial	4			C12, C13, C14, C15
18pF 5% Ceramic, Low K, NPO	1			C4
330pF 5% Ceramic, Medium K	1			C5

RESISTORS	QTY	X	X	Designators
1R0 1W Carbon Film	2			R2, R3
1K 0.5W 1% Metal Film	2			R1, R11
4K7 0.5W 1% Metal Film	4			R4, R5, R10, 10:1 Attenuator
10K 0.5W 1% Metal Film	3			R7, R8, R9
12K 0.5W 1% Metal Film	1			R6
22K 0.5W 1% Metal Film	1			STANDBY
47K 0.5W 1% Metal Film	1			10:1 Attenuator
10K 25-Turn Trimpot	1			ADJ

SEMICONDUCTORS	QTY	X	X	Designators
1N4004 200V 1A Diode	8			D1, D2, D4, D5, D6, D7, D8, D9
LM723 - Adjustable Voltage Regulator	1			U1
OP07CPZ - Opamp	1			U2
BZX79-C10V0 5% 500mW Zener	1			D3
BC560 PNP Transistor	1			Q3
2SA1673 PNP Audio Power Output Transistor	1			Q2
2SC4388 NPN Audio Power Output Transistor	1			Q1
5mm Red/Green Bi-LED	1			STANDBY
5mm Red LED	1			+VE
5mm Green LED	1			-VE

HARDWARE	QTY	X	X	Designators
2A Slow Blow Fuse	2			F1, F2
20mm Fuse Holder	2			F1, F2
5mm Clear Lens Mount	1			STANDBY
5mm Red Lens Mount	1			+VE
5mm Green Lens Mount	1			-VE
3-way Housing	1			
3-way Straight, Locking Header	1			
2-Way 5.00mm Screw Terminal	6			IN, OP1, OP2
M3 Star Washer SS	10			
M3x10mm SS CS Bolt	2			
M3x20mm SS CS Bolt	4			
M3 x 10mm Tapped Spacer NP	4			
M3 SS Nut	6			
14-pin IC Socket 0.3"	1			U1
8-pin IC Socket 0.3"	1			U2
6.35mm Mono Switched Socket, SwitchCraft 112A	12			KEY CV, GATE, IN, OUT
DPST I/O Rocker Switch	1			POWER