

The Oakley Modular
Triple VCA

RESISTORS	QTY	X	X	Designator
22R 0.5W 1% Metal Film	1			R1
100R 0.5W 1% Metal Film	3			R28, R31, R34
1K 0.5W 1% Metal Film	3			R2, R3, R25
2K2 0.5W 1% Metal Film	3			R37, R42, R47
3K3 0.5W 1% Metal Film	1			R35
10K 0.5W 1% Metal Film	6			R6, R11, R16, R40, R45, R50
12K 0.5W 1% Metal Film	3			R26, R29, R32
18K 0.5W 1% Metal Film	3			R38, R43, R48
22K 0.5W 1% Metal Film	3			R8, R13, R18
33K 0.5W 1% Metal Film	3			R20, R22, R24
36K 0.5W 1% Metal Film	3			R4, R9, R14
56K 0.5W 1% Metal Film	3			R36, R41, R46
62K 0.5W 1% Metal Film	3			R19, R21, R23
100K 0.5W 1% Metal Film	6			R7, R12, R17, R39, R44, R49
1M 0.5W 1% Metal Film	3			R27, R30, R33
100K Horizontal Trimpot - PT10V	3			OFF1, OFF2, OFF3
50K LIN (Vishay 248)	6			Gain1, Gain2, Gain3, CV1, CV2, CV3

CAPACITORS	QTY	X	X	
100pF 5% Ceramic, NPO	3			C7, C8, C9
470pF 5% Ceramic, Medium K	3			C13, C14, C15
1nF 50V Polyester	3			C19, C20, C21
100nF 50V Ceramic NPO Axial	15			C1, C4, C5, C6, C10, C11, C12, C16, C17, C18, C22, C23, C24, C26, C27
2u2 25V Electrolytic	2			C25, C28
22uF 25V Electrolytic	2			C2, C3

SEMICONDUCTORS	QTY	X	X	Designator
1N4148 Signal Diode	4			D1, D2, D3, D4
BC560 PNP Transistor	3			Q1, Q2, Q3
LM13700 Dual OTA	3			U4, U5, U6
TL072 Dual JFET Opamp	6			U1, U2, U3, U7, U8, U9
Single bead inductor	2			L1, L2

HARDWARE	QTY	X	X	Designator
Crimp to suit 0.156" MTA-xx Series	4			
4-way 0.156" Housing	1			PSU
4-way 0.156" Straight, Locking Header	1			PSU
16-pin IC Socket	3			U4, U5, U6
8-pin IC Socket	6			U1, U2, U3, U7, U8, U9
27mm MOTM/Moog Style Knob	6			Gain1, Gain2, Gain3, CV1, CV2, CV3
6.35mm Mono Switched Socket, SwitchCraft 112A	9			IN1, IN2, IN3, OUT1, OUT2, OUT3, CV1, CV2, CV3