

RESISTORS	QTY	X	X	Designator
22R 0.5W 1% Metal Film	6			R7, R41, R42, R50, R60, R75
100R 0.5W 1% Metal Film	1			R11
390R 0.5W 1% Metal Film	2			R19, R23
470R 0.5W 1% Metal Film	1			R37
1K 0.5W 1% Metal Film	6			R24, R39, R55, R56, R62, R67
2K 0.5W 1% Metal Film	2			R17, R25
2K2 0.5W 1% Metal Film	2			R5, R22
5K1 0.5W 1% Metal Film	1			R68
5K6 0.5W 1% Metal Film	1			R65
6K2 0.5W 1% Metal Film	2			R21, R59
8K2 0.5W 1% Metal Film	2			R16, R69
10K 0.5W 1% Metal Film	14			R2, R10, R27, R34, R35, R46, R48, R49, R57, R58, R66, R70, R78, R80
18K 0.5W 1% Metal Film	1			R79
22K 0.5W 1% Metal Film	6			R4, R6, R9, R71, R73, R82
33K 0.5W 1% Metal Film	3			R72, R76, R77
39K 0.5W 1% Metal Film	2			R29, R47
47K 0.5W 1% Metal Film	3			R12, R33, R54
56K 0.5W 1% Metal Film	1			R63
62K 0.5W 1% Metal Film	2			R18, R81
68K 0.5W 1% Metal Film	2			R44, R74
100K 0.5W 1% Metal Film	9			R1, R13, R15, R32, R36, R38, R51, R52, R61
150K 0.5W 1% Metal Film	1			R64
180K 0.5W 1% Metal Film	1			R28
220K 0.5W 1% Metal Film	1			R8
270K 0.5W 1% Metal Film	1			R53
390K 0.5W 1% Metal Film	3			R14, R20, R40
680K 0.5W 1% Metal Film	2			R3, R45
750K 0.5W 1% Metal Film	1			R83
1M 0.5W 1% Metal Film	4			R26, R31, R43, R84
PT146 1K TEMP CO 3500ppm	1			R30
2K 25-Turn Trimpot	1			HFT
10K 25-Turn Trimpot	1			V/OCT
100K 25-Turn Trimpot	1			TUNE
1K Horizontal Trimpot - 3306P	1			PSU
1K Horizontal Trimpot - PT10V	1			SHP-T
22K Horizontal Trimpot - PT10V	1			SHP-P
47K Horizontal Trimpot - PT10V	2			SYM-S, SYM-T
50K LIN (Vishay 248)	7			DEPTH, WIDTH, TUNE-1, TUNE-2, EXP, LIN, SYNC
CAPACITORS	QTY	X	X	
18pF 5% Ceramic, Low K, NPO	1			C10
100pF 5% Ceramic, NPO	2			C13, C16
220pF 5% Ceramic, NPO	1			C9
470pF 5% Ceramic, Medium K	2			C8, C25
1000pF 2.5% Polystyrene	1			C14
1nF 50V Polyester	1			C4
100nF 50V Polyester	5			C2, C11, C12, C22, C23
4u7F 25V Electrolytic	3			C18, C20, C21
10uF 25V Electrolytic	1			C3
22uF 25V Electrolytic	9			C1, C5, C6, C7, C15, C17, C19, C24, C26

The Oakley Modular
VCO

SEMICONDUCTORS	QTY	X	X	Designator
BAT42 Schottky diode	1			D3
1N4148 Signal Diode	2			D2, D4
BC550 NPN Transistor	4			Q1, Q2, Q4, Q5
J112 JFET	1			Q3
SSM2210 - Dual-matched NPN Transistors	1			U4
LM2903 - Dual Comparator	1			U7
LM723 - Adjustable Voltage Regulator	1			U1
OP270 - Opamp	2			U2, U3
LM1458 Dual Opamp	1			U6
LM13700 Dual OTA	1			U8
TL072 Dual JFET Opamp	1			U5
TL074 Quad JFET Opamp	1			U9
Single bead inductor	2			L1, L2

HARDWARE	QTY	X	X	Designator
SPDT Flat-Toggle Switch (ON-ON)	1			PWM TYPE
8-way Flexistrip	1			LINK
4-way 0.156" Housing	1			PWR
4-way 0.156" Straight, Locking Header	1			PWR
Crimp to suit 0.1" MTA-xx Series	33			
2-way Housing	2			POTS
2-way Straight, Locking Header	2			POTS
3-way Housing	3			POTS
3-way Straight, Locking Header	3			POTS
4-way Housing	2			MAIN-2
4-way Straight, Locking Header	2			MAIN-2
6-way Housing	2			MAIN-1
6-way Straight, Locking Header	2			MAIN-1
14-pin IC Socket 0.3"	2			U1, U9
16-pin IC Socket 0.3"	1			U8
8-pin IC Socket 0.3"	6			U2, U3, U4, U5, U6, U7
27mm MOTM/Moog Style Knob	7			COARSE, EXP FM, FINE, LIN FM, PULSE WIDTH, SYNC DEPTH, PWM DEPTH
6.35mm Mono Switched Socket, SwitchCraft 112APC	9			1V/OCT, EXP FM, LIN FM, SYNC, PWM, SINE, SAW, PULSE, TRI