

The Oakley Modular  
Sample Hold

<b>CAPACITORS</b>	<b>QTY</b>	<b>X</b>	<b>X</b>	<b>Designators</b>
100nF 50V Ceramic NPO Axial	7			C6, C7, C8, C9, C10, C11, C18
2u2 50V Electrolytic	2			C15, C19
10nF 63V Polypropylene	1			C13
2200nF 63V Polyester	1			C1
4n7 50V Polyester	1			C2
33pF 5% Ceramic, Low K, NPO	3			C4, C12, C14
100pF 5% Ceramic, NPO	1			C5
220pF 5% Ceramic, NPO	1			C17
22uF 50V Electrolytic	3			C3, C16, C20

<b>RESISTORS</b>	<b>QTY</b>	<b>X</b>	<b>X</b>	<b>Designators</b>
100K 0.5W 1% Metal Film	7			R1, R3, R26, R27, R30, R31, R32
10K 0.5W 1% Metal Film	6			R4, R7, R14, R18, R19, R29
10R 0.5W 1% Metal Film	1			R25
100R 0.5W 1% Metal Film	3			R6, R8, R28
1K 0.5W 1% Metal Film	2			R5, R33
1K8 0.5W 1% Metal Film	1			R2
22K 0.5W 1% Metal Film	2			R24, R34
22R 0.5W 1% Metal Film	2			R10, R23
2K2 0.5W 1% Metal Film	2			R12, R22
330R 0.5W 1% Metal Film	2			R13, R17
470K 0.5W 1% Metal Film	2			R15, R16
75R 0.5W 1% Metal Film	4			R9, R11, R20, R21
25K LIN (Vishay 248)	1			RESTRICT
100K LOG (Vishay 248)	1			SLEW

<b>SEMICONDUCTORS</b>	<b>QTY</b>	<b>X</b>	<b>X</b>	<b>Designators</b>
1N4148 Signal Diode	3			D1, D2, D3
CD4093 - Quad 2-input NAND Schmitt trigger	1			U5
LF398 Sample and Hold Amplifier	1			U2
TL072 Dual JFET Opamp	3			U1, U3, U4
5mm Green LED	1			CLK
5mm Red/Green LED	1			O/P
Single bead inductor	2			L1, L2

<b>HARDWARE</b>	<b>QTY</b>	<b>X</b>	<b>X</b>	<b>Designators</b>
5mm Clear Lens Mount	1			O/P
5mm Green Lens Mount	1			CLK
SPDT Flat Toggle Switch (ON-ON)	1			MODE
4-way 0.156" Housing with Crimp	1			PWR
4-way 0.156" Straight, Locking Header	1			PWR
2-way Housing with Crimp	4			
2-way Straight, Locking Header	4			
3-way Housing with Crimp	2			
3-way Straight, Locking Header	2			
6.35mm Mono Switched Socket, SwitchCraft 112APC	6			CLOCK-Rising, CLOCK-Falling, HOLD IN, HOLD OUT, SLEW IN, SLEW OUT
27mm MOTM/Moog Style Knob	2			RESTRICT, SLEW
14-pin IC Socket	1			U5
8-pin IC Socket	4			U1, U2, U3, U4