

# Oakley Sample/Hold & Slew (submitted by Jeff Pontius)

[all parts from Mouser unless otherwise indicated]

**All resistors:** (1% .25W) 271-value (e.g, 271-100K, 271-100)

## **Capacitors:**

1uF metal film box (C2)	75-MKT1826510064
100nF metal film box (C6-C11, C17)	75-MKT1826410064
100pF low-K ceramic (C5)	140-50S5-101J
10nF polysterene (C12)	23PS310
220pF low-K ceramic (C16)	140-50N5-221J
22uF 25V electrolytic (C3,C14,C15,C18,C19)	140-XRL25V22
33pF low-K ceramic (C13, C14)	140-50N5-330J
4n7F metal film box (C1)	75-MKT1826247014

## **Semiconductors:**

1N4148 signal diodes (D1 - D3)	512-1n4148
CD4093 quad NAND gate (U5)	512-CD4093BCN
BC549 npn transistor (Q1-Q3)	625-BC549B
LF398 sample/hold (U2)	LF398AN-ND <b>[Digikey]</b>
TL072 op-amp (U1, U3, U4)	511-TL072ACN

## **Other:**

.156" power header	571-6404454
Omeg pots	<b>[Oakley kit]</b>
LED (bi-color)	67-1187-ND (Lumex) <b>[Digikey]</b>
on-none-on spdt switch	633-M201202 (NK)
Switchcraft jack sockets	502-112A
pcb	<b>[Oakley kit]</b>