

VCF-1 PARTS LIST

All resistors are 1/4-watt, 5% values.

R1 – R4	22Ω
R5	47Ω
R6	100Ω trimmer potentiometer
R7	390Ω
R8 – R10	1K
R11	2k +3500ppm/° C thermistor
R12	5.6K
R13, R14	11K
R15, R16	15K
R17	27K
R18	33K
R19 – R26	100K
R27, R28	100K trimmer potentiometer
R29 – R33	100K linear potentiometer
R34	3.3M

All capacitors are 16V or better.

C1, C2	10pF disc
C3, C4	330pF polystyrene
C5	0.001μF mylar
C6 – C13	0.01μF disc
C14	0.22μF mylar
C15, C16	10μF electrolytic

Semiconductors

Q1/Q2	2SA798 matched PNP pair
IC1, IC2	3080 OTA
IC3	TL074 quad op-amp
IC4	TL071 op-amp

Other components

J1 – J6	1/4" phone jack, n.o.
S1	SPST switch

Miscellaneous: printed circuit board, IC sockets, front panel, knobs, wire, etc.