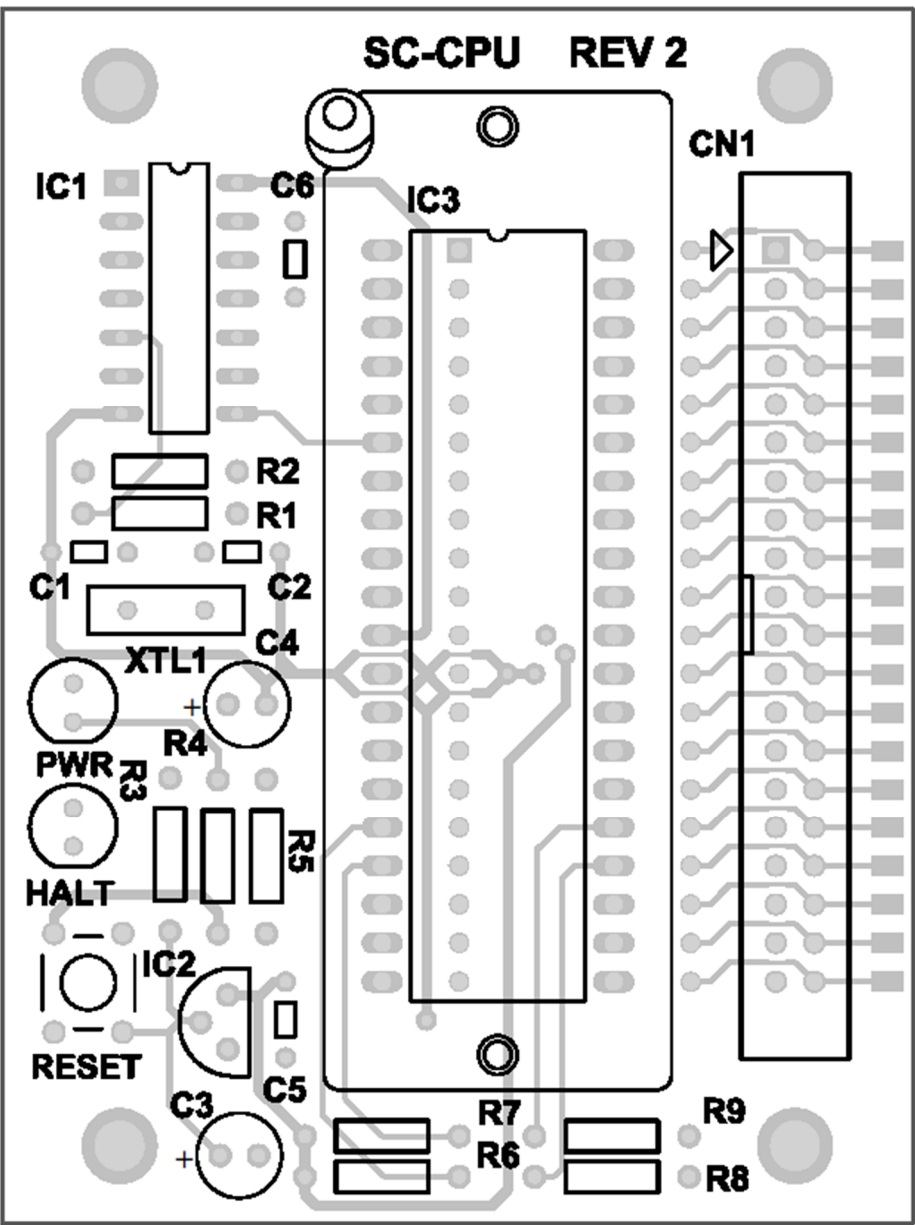


SC-CPU Rev. 2

Component Overlay



Bill of Material

There are many construction options possible for this PCB, see the schematic for information on the Oscillator and Reset options. Multiple Optional components are listed here.

Qty	Designator	Description
1	R1	10M 1/4W 1% or 5% (not critical)
1	R2	560R 1/4W 1% or 5% (not critical)
1	R3	22k 1/4W 1% or 5% (not critical)
1	R4,R5	330R 1/4W 1% or 5% (not critical)
4	R6,R7,R8,R9	10k 1/4W 1% or 5% (not critical)
2	C1,C2	33pF 100V Ceramic capacitor 0.2" pitch
1	C3	1uF RB 16vW Electrolytic Capacitor 0.1" pitch
1	C4	10uF RB 16vW Electrolytic Capacitor 0.1" pitch
2	C5,C6	100nF 50V Monolithic capacitors
1	XTL1	4.0MHz Crystal HC49/HC49U
1	IC1	14 pin Dual Wipe IC socket
1	IC1	74HCU04 Hex Unbuffered Inverter 14 Pin DIP
1	IC1	14 Pin Oscillator Module
1	IC1	8 Pin Oscillator Module
1	IC2	DS1233-5 5V EconoReset TO-92
1	IC3	40 Pin Dual Wipe IC socket
1	IC3	40 Pin ZIF socket
2	IC3	20 Pin Header strip (2 x 20 pins)
1	IC3	Z80 CPU 40 Pin DIP
1	CN1	40 way Straight or R/A IDC box header
1	RESET	Tactile Switch OMRON B3F 6mm
2	PWR,HALT	3mm / 5mm Red LED