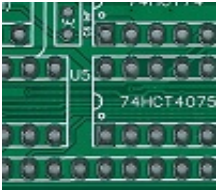Contains small parts. Not suitable for young children. Designed for hobby use. Not suitable for commercial, industrial or safety-critical use.

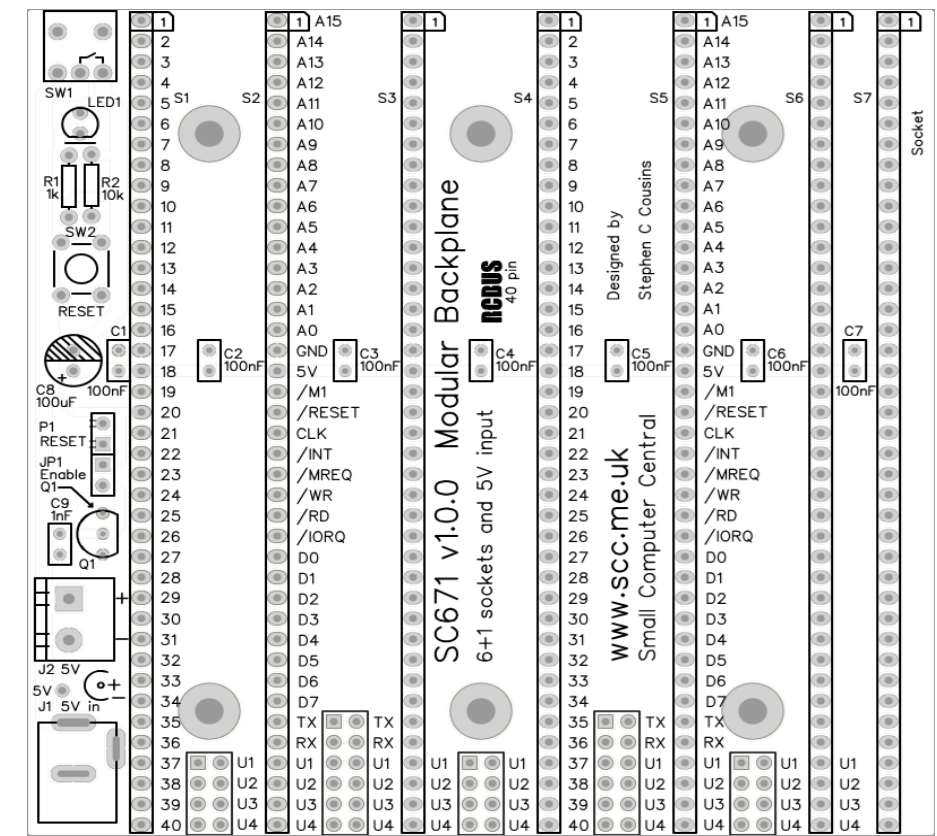|		
SC671 v1.0.x Printed circuit board — 1	C1 to C7 Capacitor 100 nF — 7	C8 Capacitor 100 uF — 1
C9 (optional) Capacitor 1 nF — 0 — Not included in kit	J1 2.1mm barrel socket — 1	J2 Screw terminal 2-pin — 1
JP1 plus P1 Header 1 row x 4 pin angled — 1	Jumper shunt — 1 — See note 1	LED1 Green LED 3mm straight — 1
P1 Header — See JP1 (above)	P2 Header 1 row x 1 pin straight — 1 — Pad near socket J1	Q1 (optional) Supervisor DS1233 — 0 — Not included in kit
R1 Resistor 1k — 1	R2 Resistor 10k — 1	S1 to S6 Socket 1 row x 40 pin straight — 6
S7 Header socket 1 row x 40 pin angled — 1	SW1 Toggle switch SPDT — 1	SW2 Tactile button — 1
Spacer Nylon, 10mm, M3 — 6 — Fit to mounting holes	Screw (for spacer) M3, 6mm, pan head — 6	Optional: C9 Q1 — See note 4

Notes

1/ Fit the jumper shunt to header pins JP1 (shown in red) to enable the optional voltage supervisor and reset device (Q1). Only enable one supervisor in the system.

2/ The system can be powered from a 5 volt power supply connected to J1 or J2. This must be a regulated supply providing between 4.75 and 5.25 volts, as measured at J2. Typically, the system will take less than 500 mA but a supply rated at 1000 mA (1 Amp) is recommended. Take care to only connect a 5 volt supply and ensure the polarity is correct. Barrel socket J1 has a positive central pin.

3/ JP2 to JP6 are not included in the kit. These pads are linked by thin tracks on the bottom of the circuit board. These tracks can be cut if required to isolate signals between module sockets.

4/ The CPU module SC601 includes a reset/supervisor circuit.

Welcome to your SC671, Backplane Kit

Assembly instructions, user guide, and other documentation can be found at www.scc.me.uk (small computer central)

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