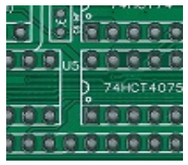
Contains small parts. Not suitable for young children. Designed for hobby use. Not suitable for commercial, industrial or safety-critical use.

SC716 v1.0.x
Printed circuit board



1

C1 to C4
100 nF

4

Label includes "104"

C5 and C6
22 pF capacitor

2

Label includes "22"

JP1 Male
2 row x 8 pin angled

1

JP8 + JP9 Male
2 row x 2 pin angled

1

JP10 + JP11 Male
2 row x 2 pin angled

1

Cut with long nose wire cutters from a strip 2 row x 12+ pins

JP2 to JP7 Header
2 row x 11 pin straight

1

See note 1

Jumper shunts

16

P1 Male
2 row x 40 pin angled

1

P2 Male
1 row x 6 pin angled

1

P3 Male
1 row x 6 pin angled

1

Cut from a strip 12+ pins long

R1 to R8
2K2

8

R9 to R13
100K

5

R14
1M

1

R15
1K

1

RP1 Resistor network
8 x 100K

1

Label includes "104"

S1 and S2 Female
1 row x 6 pin angled

2

Screw (for spacer)
M3, 6mm, pan head

1

Spacer
Nylon, 10mm, M3

1

Notes
1/ Removed the 4th and 8th pair of pins so the connector fits in JP2 to JP7 holes (pull out with pliers)

U1
74HCT688

1

U2 Z80 SIO/2
Z84C42xxPEG

1

U3
74HCT02

1

X1
7.3728 MHz crystal

1

U1 socket
20-pin IC socket DIL

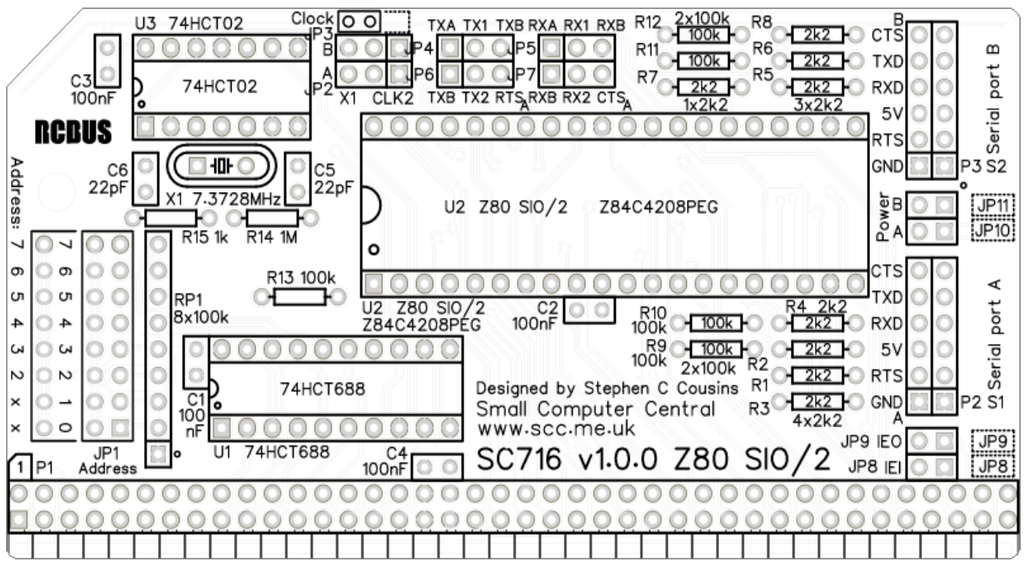
1

U1 Socket
40-pin IC socket DIL

1

U3 socket
14-pin IC socket DIL

1



Welcome to your SC716, Z80 SIO/2 Serial Module Kit

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

Release date: 2023-05-14

TITLE: SC716 - Kit Contents		REV: 1.0.0
Designed for RCBus	Company: www.scc.me.uk	Sheet: 1/1
	Date: 2023-05-14 Drawn By: sccousins	