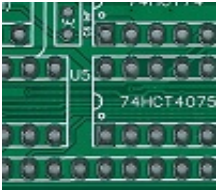

















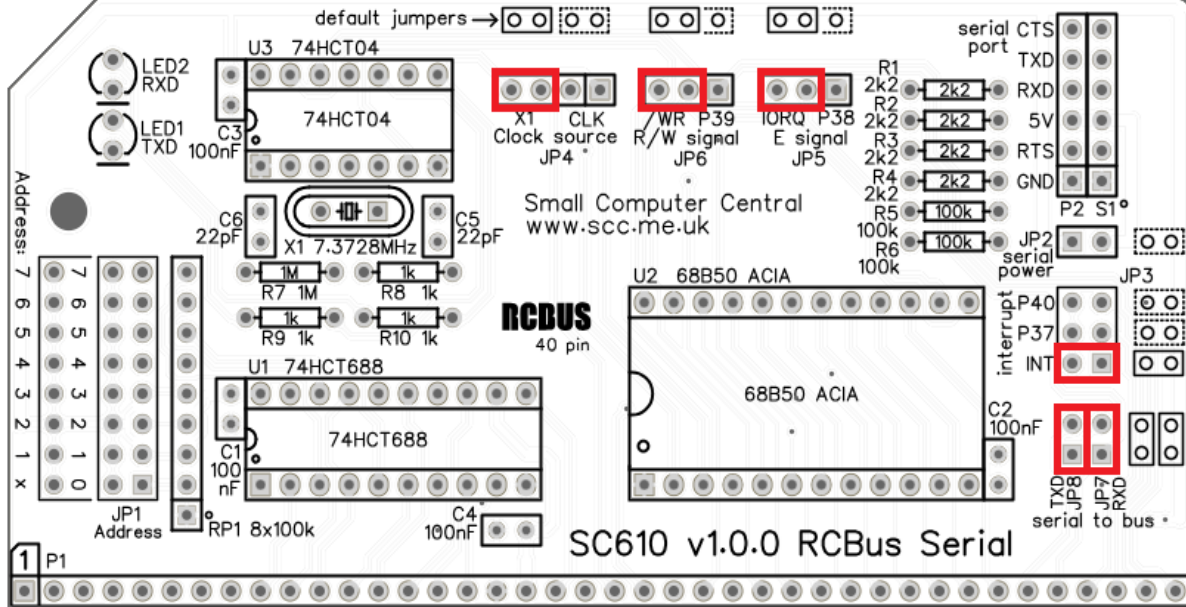




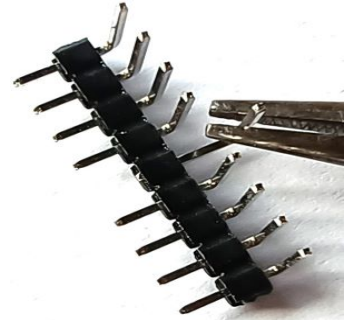





Contains small parts. Not suitable for young children. Designed for hobby use. Not suitable for commercial, industrial or safety-critical use.

<p>SC610 v1.0.x Printed circuit board</p>  <p>1</p>	<p>C1 and C4 100 nF</p>  <p>4</p> <p>Label includes "104"</p>	<p>C6 and C7 22 pF capacitor</p>  <p>2</p> <p>Label includes "22"</p>	<p>JP1 Male 2 row x 8 pin angled</p>  <p>1</p> <p>Cut from a strip 16+ pins long</p>	<p>JP2+3+7+8 Male 2 row x 8 pin angled</p>  <p>1</p> <p>Cut from a strip 16+ pins long</p>	<p>JP4+5+6 Male 1 row x 12 pin angled</p>  <p>1</p> <p>Cut from a strip 18+ pins long</p>	<p>P2 Male 1 row x 6 pin angled</p>  <p>1</p> <p>Cut from a strip 18+ pins long</p>
<p>Jumper shunts</p>  <p>14</p>	<p>LED1 and LED2 Green LED 3mm angled</p>  <p>2</p>	<p>P1 Header pins 1 row x 40 pin angled</p>  <p>1</p>	<p>R1 to R4 2K2</p>  <p>4</p>	<p>R5 and R6 100K</p>  <p>2</p>	<p>R7 1M</p>  <p>1</p>	<p>R8 to R10 1K</p>  <p>3</p>
<p>RP1 Resistor network 8 x 100K</p>  <p>1</p> <p>Label includes "104"</p>	<p>S1 Female 1 row x 6 pin angled</p>  <p>1</p>	<p>Screw (for spacer) M3, 6mm, pan head</p>  <p>1</p>	<p>Spacer Nylon, 10mm, M3</p>  <p>1</p>	<p>Fit jumper shunt in position indicated below</p> 		
<p>U1 74HCT688</p>  <p>1</p>	<p>U2 68B50 ACIA</p>  <p>1</p>	<p>U3 74HCT04</p>  <p>1</p>	<p>X1 7.3728 MHz crystal</p>  <p>1</p>	<p>NOTES</p> <p>JP4+5+6 can be fitted as a single strip by removing pins 4 and 8 with pliers as illustrated. Support the plastic near the pin to avoid the plastic breaking. The same method can be used for JP2+3+7+8.</p> 		
<p>U1 socket 20-pin IC socket DIL</p>  <p>1</p>	<p>U2 socket 24-pin IC socket DIL</p>  <p>1</p>	<p>U3 socket 14-pin IC socket DIL</p>  <p>1</p>				

Welcome to your SC610, serial ACIA module Kit

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

Release date: 2024-10-19

TITLE: SC610 - Kit Contents		REV: 1.0.0
Designed for RCBUS 40 pin	Company: www.scc.me.uk	Sheet: 1/1
Date: 2024-10-19		Drawn By: sccousins