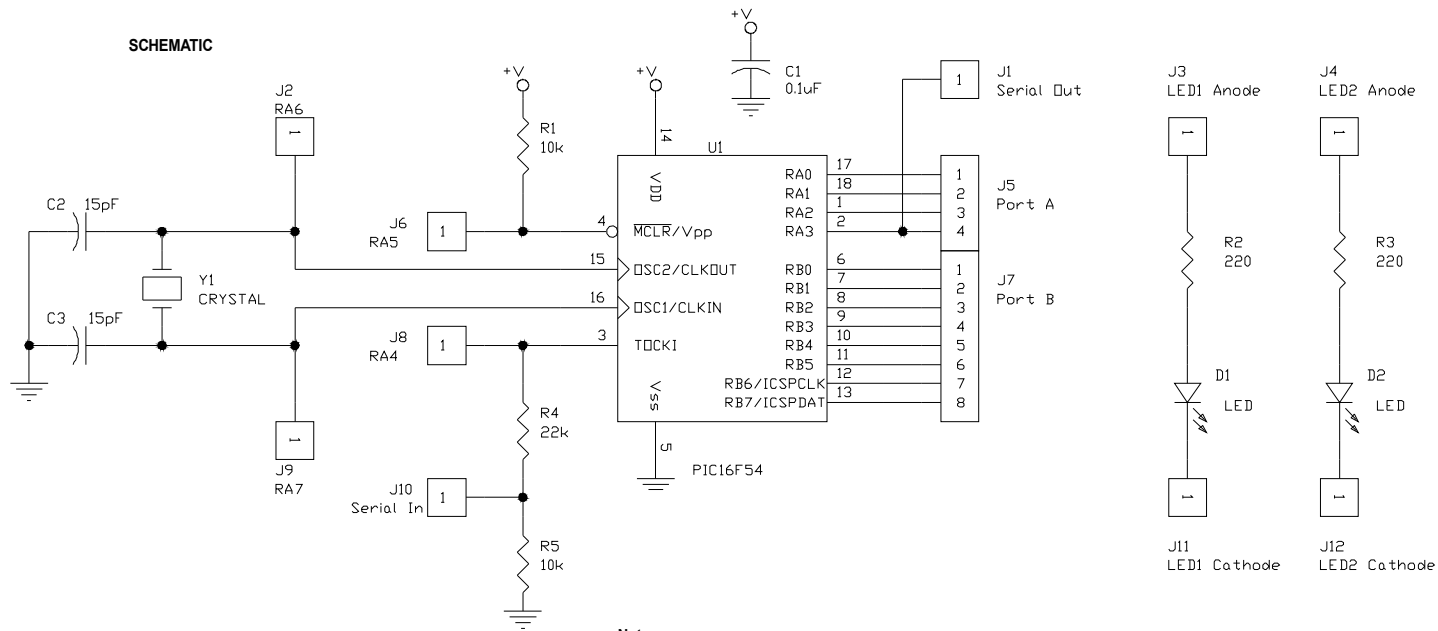
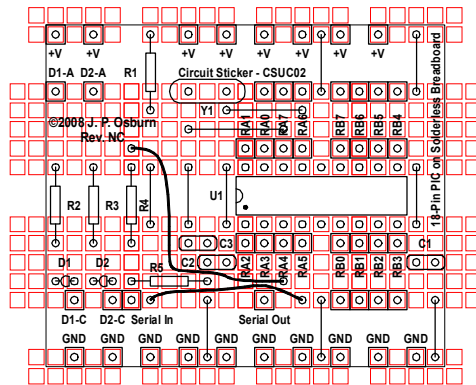


Orientation and Alignment



Parts List

Item	Quantity	Description
1	2	220 ohm resistor
2	2	10 kilohm resistor
3	1	22 kilohm resistor
4	2	15 pF capacitor
5	1	0.1 uF capacitor
6	1	4.000 MHz crystal
7	1	PIC16F54 microcontroller
8	2	LED
9	1	22 AWG wire
10	1	Circuit Sticker
11	1	Drawing

Notes:

1. Observe all safety precautions during assembly.
2. Remove backing from the Circuit Sticker and apply it to the board properly oriented and aligned as shown.
3. Use a sharp pointed tool to poke holes for every component lead and jumper.
4. Install components and use trimmed leads to make jumpers.
5. Use insulated 22 AWG wire to make the remaining jumpers.
6. This Circuit Sticker is suitable for PIC16F54, PIC16F88, and PICAXE-18X.
7. The LEDs are not connected until jumpered as desired. The anodes may be jumpered to +V and the cathodes jumpered to I/O pins for active low indication or the cathodes may be jumpered to I/O pins and the anodes to ground for active high indication.
8. Temporarily jumper the LEDs to RB0 and RB1.
9. The supplied PIC16F54 is programmed to blink the LEDs once per second as a test.
10. Apply 4 volts to 5.5 volts to power the circuit. The LEDs should blink.

Indiana Kits

<http://www.indianakits.com/>

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Circuit Sticker - CSUC02
18-Pin PIC on Solderless Breadboard

Size	CAGE Code N/A	DWG NO	Rev NC
Scale	Sheet		1 of 1