1.0 Hookup for Microstick II with Serial Interface as used for Arduino Library

Excerpt from Chapter 9 on serial connections-"Beginner's Guide to Programming the PIC32"
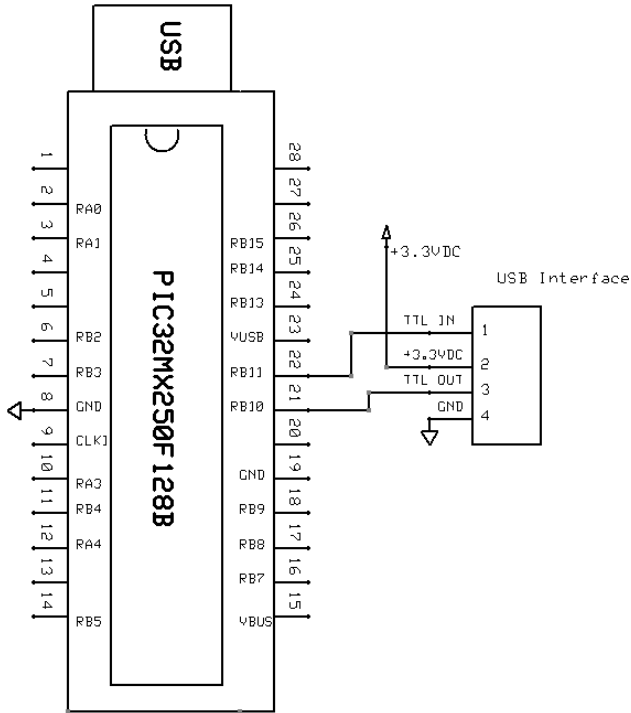

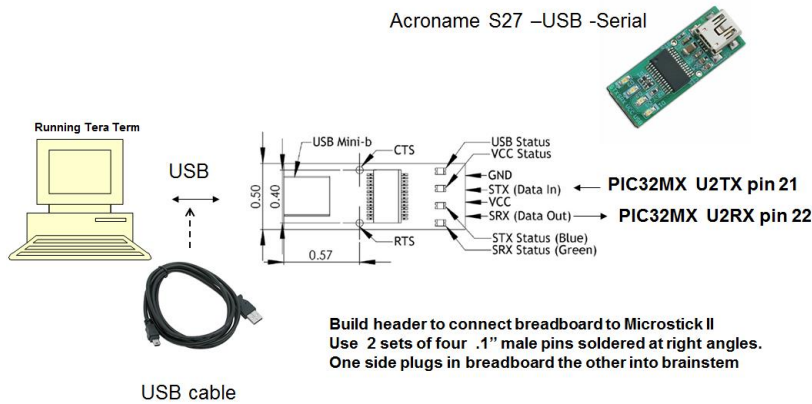**Figure 1: Schematic of Microstick II with USB-Serial Interface**

Figure 2: AcronameS27 USB to Serial Interface

2.0 *Arduino Library PIC32 pin designations.*

Can be used with Microstick II PIC32MX250F128B or PIC32MX150F128B 28 pin skinny DIP parts - Excerpt from Chapter 13 Arduino Code Execution

PIC32 pin	Library	PPS	Analog	Digital
2	analog/digital	RPA0	AN0	RA0
3	analog/digital	RPA1	AN1	RA1
4	used	RPB0	AN2	RB0
5	used	RPB1	AN3	RB1
6	analog/digital	RPB2	AN4	RB2
7	analog/digital/PWM	RPB3	AN5	RB3
9	digital	RPA2		RA2
10	digital	RPA3		RA3
11	digital	RPB4		RB4
12	digital	RPA4		RA4
14	digital/PWM	RPB5		RB5
16	digital	RPB7		RB7
17	digital	RPB8		RB8
18	digital	RPB9		RB9
21	digital/serial out	RPB10		RB10
22	digital/serial in	RPB11		RB11
24	analog/digital	RPB13	AN11	RB13
25	analog/digital	RPB14	AN10	RB14
26	analog/digital	RP15	AN9	RB15

Figure 3: Arduino Library PIC32 pin designations

Note: A full parts kit for all book experiments is available for purchase from the Nuts and Volts Magazine Web site   http://store.nutsvolts.com/home.php?cat=470