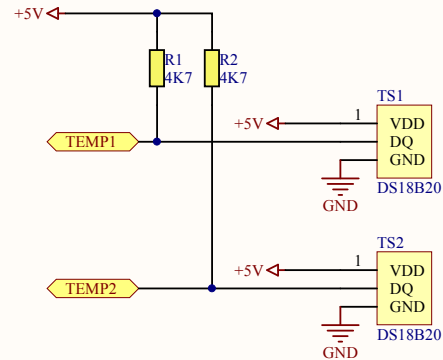


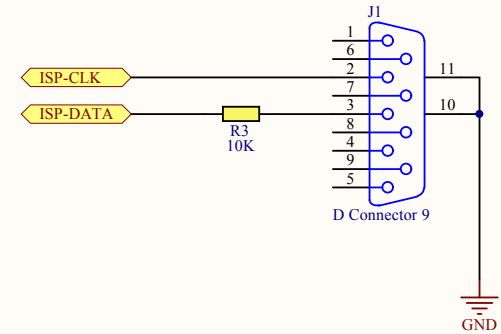
POWER SUPPLY

Note Power supply can be added later

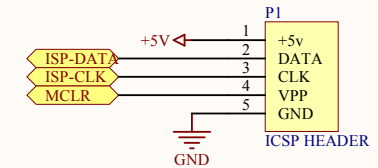
TEMPITAURE SENSORS



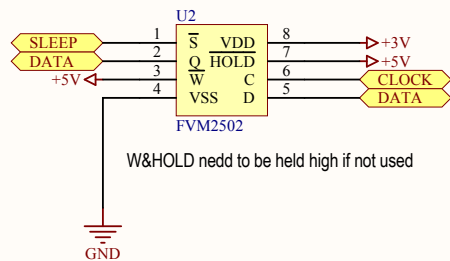
SERIAL PORT



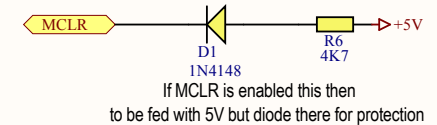
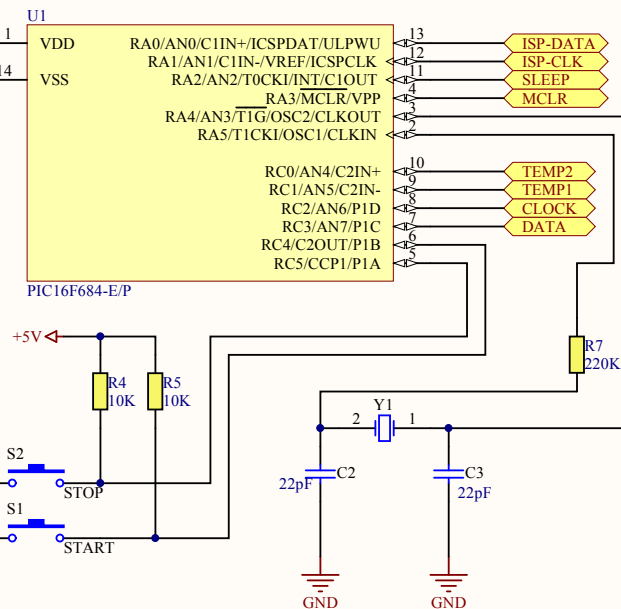
ICSP HEADER



DATA STORAGE



W&HOLD needd to be held high if not used



Title **16F684 Temperature Data Logger**

Size: **A4**

Number: **1.0.1**

Revision: **B**

Date: 03/07/2010

Time: 10:39:56

Sheet **1** of **1**

File: Y:\Altium Work\temp.SchDoc

Elec Solutions 4 U
Simple Solutions To Complex Problems
James Mason

Comment	Description	Designator	Footprint	LibRef	Quantity
Cap	Capacitor	C1, C2, C3	RAD-0.3	Cap	3
1N4148	High Conductance Fast Diode	D1	DIO7.1-3.9X1.9a	Diode 1N4148	1
D Connector 9	Receptacle Assembly, 9 Position, Right Angle	J1	DSUB1.385-2H9	D Connector 9	1
ICSP HEADER	Header, 5-Pin	P1	HDR1X5	Header 5	1
Res2	Resistor	R1, R2, R3, R6	RES2	Res2	4
Res2	Resistor	R4, R5, R7	AXIAL-0.4	Res2	3
START	Switch	S1	HDR1X2	SW-PB	1
STOP	Switch	S2	HDR1X2	SW-PB	1
DS18B20		TS1, TS2		DS18B20	2
PIC16F684-E/ P	FLASH-Based 8-Bit CMOS Microcontroller, 10-Bit A/ D, 2K (x14-Bit words) FLASH, 128 Bytes SRAM, 14-Pin PDIP, Extended Temperature	U1	PDIP300-P14	PIC16F684-E/ P	1
FVM2502		U2	SOIC127P600-8L	fFVM2502	1
20MHZ	Crystal Oscillator	Y1	BCY-W2/ D3.1	XTAL	1