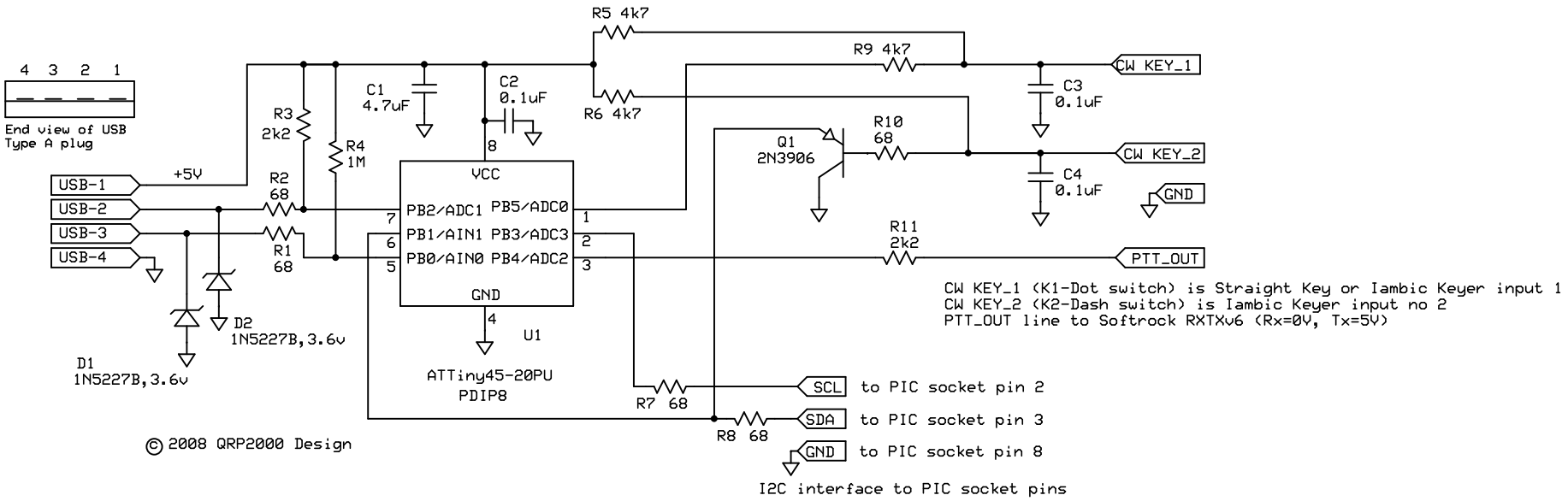
USB AVR Controller for SoftRock XTALL Si570 Applications



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Bill of Materials for USB I2C Interface

Resistors	Used where	Quantity
68 1/6W	R1, R2, R7, R8, R10	5
2.2k 1/6W	R3, R11	2
1M 1/6W	R4	1
4.7k 1/6W	R5, R6, R9	3
Capacitors	**Used where**	**Quantity**
4.7uF ceramic	C1	1
0.1uF,SMT1206	C2, C3, C4	4 (one spare supplied)
ICs, transistors, diodes	**Used where**	**Quantity**
ATTiny45-20PU & socket	U1 on top of board	1
2N3906	Q1	1
1N5227B	D1, D2	2
Connectors, cables	**Used where**	**Quantity**
8-pin DIP socket	I2C interface to PIC socket	1
USB cable, 3 foot long with type A plug on one end		1
Shrink tubing for protection of board/circuits		2 inches
USB I2C circuit board		1

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USB I2C interface for XTALL Applications		
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