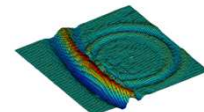


<b>Bill of Materials</b>		<b>BSU DAQ</b>	
Source Data From:	BSU_DAQ_(TopLevel).SchDoc		
Project:	BSU_DAQ.PrjPCB		
Variant:	None		

PCB Version: **1.1**



Creation Date:	10/15/2011 1:42:52 AM	Print Date:	10/15/2011 1:43:00 AM
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Boards to assemble: 4  
 Enter values in the orange cells.

Quantity	Quantity	Designator	Comment	Description	P1	P2	P3	Manufacturer	Manufacturer Part	Distributor1	OrderNumber1	Cost	Cost Qty	Qty Required	Cost Qty Multiplier	Qty to Order	Project Cost
8	2	C1, C6	1u	Capacitor, Ceramic	WV = 25V			TDK	FK14X7R1E105K	Digikey	445-5315-ND	0.21	100	8	1	100	21.00
8	2	C2, C4	0.1u	Capacitor, Ceramic	WV = 50V			AVX	SR201C104KAR	Digikey	478-4855-ND	0.1013	100	8	1	100	10.13
8	2	C3, C7	0.01u	Capacitor, Ceramic	WV = 50V			AVX	SR155C103KAR	Digikey	478-4852-ND	0.0998	100	8	1	100	9.98
4	1	C5	330p	Capacitor, Ceramic	WV = 50Vmin			AVX	SR151A331JAR	Digikey	478-5212-ND	0.1138	100	4	1	100	11.38
8	2	D1, D2	None	Diode, Schottky, Fast Recovery	Optional			On Semiconductor	MBR150G		MBR150GOS-ND			0	1	0	
4	1	HW1	Arduino Header Kit	Arduino Header Kit from Sparkfun	Alternate 6-Pin: PRT09280	Alternate 8-Pin: PRT09279				www.sparkfun.com	PRT-10007	1.35	10	4	1	10	13.50
4	1	J5	Sensor	RCA Jack				Kobiconn	161-0098-E	Mouser	161-0098-E	0.42	10	4	1	10	4.20
4	1	J6	DIP Socket for LT1677 IC	8 Pin DIP Socket				Millmax	110-44-308-41-001000	Digikey	ED90048-ND	0.385	10	4	1	10	3.85
4	1	J7	Screw	Screw		#4-40 x 0.375" Screw	Nylon	B&F Fastener Supply	NY PMS 440 0038 PH	Digikey	H544-ND			0	1	0	
8	2	J8, J9	Screw	Screw				B&F Fastener Supply	NY PMS 440 0038 PH	Digikey	H544-ND			0	1	0	
24	6	J10, J11, J12, J13, J14, J15	Standoff_M-F	4-40 Clearance Mounting Hole		#4-40 x 0.5 M-FM	Nylon	Keystone Electronics	4802	Digikey	4802K-ND			0	1	0	
12	3	J16, J17, J18	Nut	Nut		#4-40 Hex Nut	Nylon	B&F Fastener Supply	NY HN 440	Digikey	H616-ND			0	1	0	
4	1	POT1	None	Potentiometer										0	1	0	
12	3	R1, R2, R8	0	Resistor				Yageo	ZOR-25-B-52	Digikey	0.0QBK-ND	0.03305	200	12	1	200	6.61
4	1	R3	866k	Resistor				Yageo	MFR-25F86-866K	Digikey	866KXBK-ND	0.03715	200	4	1	200	7.43
8	2	R4, R5	10k	Resistor				Yageo	MFR-25F86-10K0	Digikey	10.0KXBK-ND	0.03715	200	8	1	200	7.43
8	2	R6, R7	None	Resistor										0	1	0	
4	1	S1	Reset	Normally Open, PCB Mount, Momentary Tact Switch - EVQPAC04M	Optional			Panasonic - ECG	EVQ-PAC04M	Digikey	P8006S-ND			0	1	0	
4	1	U1	LT1677CN8#PBF	Low Noise, Rail-to-Rail Precision Op Amp				Linear Technology	LT1677CN8#PBF	Newark	57M5683	2.97	25	4	1	25	74.25
																<b>Total:</b>	<b>\$169.76</b>