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**Note I have not revised this since Revision A and there are a few changes see the schematic.**

Bill of Materials for STM Electronics

Student STM Revised: Thursday, November 04, 1999

Revision: A

Bill Of Materials November 4,1999 13:52:55

Item	Reference	Part	Digi-Key part #	unit price	Quantity	total cost
1	C1	10pF	P4012A-ND	\$0.08	1	\$0.08
2	C2,C3	100pF	P4925-ND	\$0.28	2	\$0.56
3	C4,C5,C6,C7,C8	0.1uF	P4924-ND	\$0.32	5	\$1.60
4	connector for scanner	Male HD-DB15 Connector	T815M-ND	\$2.13	1	\$2.13
5	J2,J3,J4	BNC	ARFX1064-ND	\$1.62	3	\$4.86
6	J5,J6	9V Battery Connector	BS61-HD-ND	\$0.33	2	\$0.66
7	J7	Female HD-DB15 Connector	T815F-ND	\$2.45	1	\$2.45
8	R1,R2,R3,R11,R12	100K	100KXTR-ND	\$0.11	5	\$0.54
9	R4	2.00M	2.00MXTR-ND	\$0.11	1	\$0.11
10	R5	2.05K	2.05KXTR-ND	\$0.11	1	\$0.11
11	R6,R7,R8,R9	10.0K	10.0KXTR-ND	\$0.11	4	\$0.43
12	R10,R18	4.99K	4.99KXTR-ND	\$0.11	2	\$0.22
13	R13,R19	220 Ohms	220XTR-ND	\$0.11	2	\$0.22
14	R14,R15	49.9 Ohms	49.9XTR-ND	\$0.11	2	\$0.22
15	R16,R17	1.0 Ohm	1.0EBK-ND	\$0.06	2	\$0.11
16	TP1,TP2,TP3,TP4,TP5,TP6	TP		\$0.00	6	\$0.00
17	U1	LF411N	LF411CN-ND	\$1.68	1	\$1.68
18	U2	TL074	TL074CN	\$0.90	1	\$0.90
19	VR1,VR2	10K	CT2205-ND	\$2.60	2	\$5.20
20	VR4	20K	CT2206-ND	\$2.60	1	\$2.60
21	VR3,VR5	100K	CT2208-ND	\$2.60	2	\$5.20
22	Unimorph disk buzzer	EFB-RD24C411	P9924-ND	\$1.80	1	\$1.80
23	Prototyping board	Vector Proto board	V1005-ND	\$7.68	1	\$7.68
					49	\$39.35

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