

SYMEF SUGGESTED BOM

Quantity	Reference	Part	Manufacturer	Mfg #	Distributor	Dist #		Cost Each	Cost Total	Cost Stereo
1	C1	100uf	Panasonic - ECG	ECE-A0JN101U	Digi-Key	P1143-ND		\$0.47	0.47	0.94
2	C2,C11	33uf	Nichicon	PLV1J270MDL1TD	Digi-Key	493-3873-1-ND		\$2.17	4.34	8.68
1	C10	100uf	Panasonic Electronic Components	EEU-EB1A101	Digi-Key	P13114-ND		\$0.37	0.37	0.74
2	C3,C9	39pf	Cornell Dubilier Electronics (CDE)	CD5EC390JO3F	Digi-Key	338-3073-ND		\$2.30	4.60	9.20
1	C4	8.2pf	Cornell Dubilier Electronics (CDE)	CD5CC090CO3F	Mouser	598-CD5CC090CO3F		\$2.10	2.10	4.20
1	C5	4.7uf	Panasonic Electronic Components	ECW-F2475JA	Digi-Key	P13753-ND		\$3.93	3.93	7.86
1	C6	470pf	Cornell Dubilier Electronics (CDE)	CD15FD471JO3	Digi-Key	338-1043-ND		\$3.21	3.21	6.42
1	C7	22nf	Vishay BC Components	BFC237042223	Digi-Key	3009PH-ND		\$0.51	0.51	1.02
1	COIL	1uh	Wind this yourself						0.00	0.00
6	D1,D3,D4,D7,D9,D10	1N4148	Fairchild Semiconductor	1N4148	Digi-Key	1N4148FS-ND		\$0.10	0.60	1.20
2	D2,D8	3v3	Fairchild Semiconductor	1N5226BTR	Digi-Key	1N5226BFSTR-ND		\$0.12	0.24	0.48
2	D5,D6	MURS120	ON Semiconductor	MUR120G	Digi-Key	MUR120GOS-ND		\$0.55	1.10	2.20
2	F1,F2	FUESH22	Schurter Inc	31.8201	Digi-Key	486-1258-ND		\$0.67	1.34	2.68
1	R29	2k	Bourns Inc.	3299W-1-202LF	Digi-Key	3299W-202LF-ND		\$2.60	2.60	5.20
2	Q1,Q7	MJE340	Fairchild Semiconductor	MJE340STU	Digi-Key	MJE340STU-ND		\$0.56	1.12	2.24
1	Q4	mje15034	ON Semiconductor	MJE15034G	Digi-Key	MJE15034GOS-ND		\$1.40	1.40	2.80
2	Q5,Q6	2stc5200	Fairchild Semiconductor	2SC5200OTU	Digi-Key	2SC5200OTU-ND		\$2.60	5.20	10.40
4	Q2,Q3,Q10,Q11	2N5401	ON Semiconductor	2N5401RLRAG	Digi-Key	2N5401RLRAGOSCT-ND		\$0.32	1.28	2.56
2	Q8,Q9	BC556B	Fairchild Semiconductor	BC556BTA	Digi-Key	BC556BTACT-ND		\$0.20	0.40	0.80
2	Q12,Q14	2sta1943	Fairchild Semiconductor	2SA1943OTU	Digi-Key	2SA1943OTU-ND		\$2.60	5.20	10.40
3	Q15,Q16,Q18	2N5551	ON Semiconductor	2N5551RLRAG	Digi-Key	2N5551RLRAGOSCT-ND		\$0.32	0.96	1.92
1	Q13	mje15035	ON Semiconductor	MJE15035G	Digi-Key	MJE15035GOS-ND		\$1.40	1.40	2.80
1	Q17	MJE350	Fairchild Semiconductor	MJE350STU	Digi-Key	MJE350STU-ND		\$0.55	0.55	1.10
2	R7,R28	22k	Vishay/Dale	CCF0722K0GKE36	Mouser	71-CCF0722K0GKE36		\$0.09	0.18	0.36
1	R27	750	Vishay/Dale	CCF07750RGKE36	Mouser	71-CCF07750RGKE36		\$0.09	0.09	0.18
3	R1,R35,R36	270	Vishay/Dale	CMF55270R00FKR6	Mouser	71-CMF552701%T1TR		\$0.26	0.78	1.56
2	R2,R37	1.1k	Vishay/Dale	CMF551K1000FKEK	Mouser	71-CMF551K1000FKEK		\$0.59	1.18	2.36
4	R3,17,18,38	300	Vishay/Dale	CMF55300R00FHBF	Mouser	71-CMF55300R00FHBF		\$0.22	0.88	1.76
2	R33,34	4.7k	Vishay/Dale	CMF554K7000FHEK	Mouser	71-CMF554K7000FHEK		\$0.74	1.48	2.96
4	R5,8,30,31	1R	Vishay/BC Components	NFR25H0001008JA500	Mouser	594-NFR25H0001008JA5		\$0.11	0.44	0.88
2	R4,R6	4.7k	Vishay/Dale	FP00324K70J6602B8	Mouser	71-FP32-J-4.7K		\$0.82	1.64	3.28
1	R11	6.8k	Vishay/Dale	RL20S682GB14	Mouser	71-RL20S-G-6.8K		\$0.08	0.08	0.16
4	R12,R13,R20,R21	0.22	TE Connectivity	2-1623788-5	Digi-Key	A103692-ND		\$0.44	1.76	3.52
2	R9,10	220	Vishay/Dale	CMF55220R00FHEK	Mouser	71-CMF55220R00FHEK		\$0.14	0.28	0.56
1	R19	2k	Vishay/Dale	CCF072K00JKE36	Mouser	71-CCF072K00JKE36		\$0.09	0.09	0.18
1	R15	2.4k	Vishay/Dale	CCF072K40GKE36	Mouser	71-CCF072K40GKE36		\$0.09	0.09	0.18
1	R16	12R	Vishay/BC Components	PR01000101209JR500	Mouser	594-5073NW12R00J		\$0.16	0.16	0.32
2	R14,25	10	Vishay/BC Components	PR03000201009JAC00	Mouser	594-5093NW10R00J		\$0.46	0.92	1.84
1	R22	100	Vishay/BC Components	SFR16S0001000FR500	Digi-Key	PPC100XCT-ND		\$0.23	0.23	0.46
1	R23	680	Vishay/Dale	RL20S681GB14	Mouser	71-RL20S-G-680		\$0.08	0.08	0.16
1	R26	100k	Vishay/Dale	CMF55100K00FHEK	Mouser	71-CMF55100K00FHEK		\$0.23	0.23	0.46
1	R24	3k	Vishay/Dale	CMF553K0000FKEB	Mouser	71-CMF553K0000FKEB		\$0.59	0.59	1.18
1	X1	Screw clamp	On Shore Technology Inc	ED350/2	Digi-Key	ED1930-ND		\$0.86	0.86	1.72
									54.96	109.92