

Ref	PART NO.	DESCRIPTION	Package	Manufacturer	VENDOR	Price US\$	QTY
Pumpkin PCB							1
SEMI-CONDUCTORS							
D1-6	160-1142-ND	Led, Green, 3MM HI-EFF DIFFUSED	T-1		Digikey	\$0.19	6
Q1,2,11	512-J309	Trans.. J309 or J310, JFET N-Channel RF	TO-92	Fairchild	Mouser	\$0.16	3
Q3,4,9	512-BC546CTA	Trans. BC546B (C), NPN, 65V, 100ma	TO-92		Mouser	\$0.04	3
Q5,7	IRF9510L-ND	Trans. IRF9510, MOSFET P-CH 100V 4A	TO-262	IR	Digikey	\$1.17	2
Q6,8,10	IRF510L-ND	Trans. IRF510,MOSFET N-CH 100V 5.6A	TO-262	IR	Digikey	\$0.90	3
CAPACITORS							
C1,2	SMICA- 54384	Cap. 5pf, Mica			PartsX	\$0.75	2
C3	505-MKS2.47/63/10	Cap. 0.47uF, 63V, MKS-2 Wima			Mouser	\$0.55	1
C4,5	AURICAP- 66339	Cap. 4.7uF, 200V, Film, Auricap	D30 X L27		PartsX	\$22.56	2
Other Choice	MUNDORF- 70375	Cap. 4.7uF, Film, Mundorf M-Cap	D20 X L34		PartsX	\$4.91	0
C6	505mkp20.1/100/5	Cap. 100nF, Wima MKP 100V	C3B5		Mouser	\$0.65	1
C7,9	505mkp20.22/100/5	Cap. 220nF, Wima MKP 100V	C5B7.2		Mouser	\$1.02	2
C11,12	MKP1837	Cap. 0.1uF,160V Vishay MKP1837	L10,W5		Diyaudio	\$0.76	2
Other Choice	P3880-ND	Cap. 0.22uF,250V Panasonic ECQ-P(Z)	L10,W5		Digikey	\$1.43	0
Other Choice	MULCAP- 51342	Cap. 0.1uF, 400v PPFX-S, MultiCap	0.41" X 1.28"		PartsX	\$5.42	0
Other Choice	HOVLAND- 55979	Cap. 100nF, 400V, Hovland MusiCap	0.41" X 1.28"		PartsX	\$9.35	0
Other Choice		Cap. 0.43uF,200V ERO KP1832	D16,L42		Local	\$0.00	0
C8,10,13,14	P5583-ND	Cap.220uF, 63V, Panasonic NHG	D10,P5,L16	330uF/63V	Local	\$0.69	4
RESISTORS - 1/4W, 1% (Otherwise Noted)							
R1-4,21	10.0KXBK-ND	Res. 10K, 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	5
R5,6,27,29	100KXBK-ND	Res. 100K, 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	4
R7,8,26,28	681XBK-ND	Res. 681R, 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	4
R9,10,14,15,19	150XBK-ND	Res. 150R to 240R, 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	5
R11,16	33.2XBK-ND	Res. 33R2, 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	2
R12,17	475XBK-ND	Res. 475R, 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	2
R13,18,22	47.5XBK-ND	Res. 47R5, 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	3
R20	27.4KXBK-ND	Res. 27K4, 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	2
R23	3.92KXBK-ND	Res. 3K92 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	1
R24	274XBK-ND	Res. 274R, 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	1
R25	4.32KXBK-ND	Res. 4K32, 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	1
WR1,2	67F5823	Pot. 50R, 3.8", Vertical, Linear, 25T, 64W pins		Spectrol	Newark	\$1.59	2
	BER120-ND	HEATPAD TO-247 .009" SP600			Digikey	\$1.36	5
	HS276-ND	HEATSINK TO-220 10W H=1.5" BLK			Digikey	\$1.58	2
Shunty PCB							1
SEMI-CONDUCTORS							
D1-D5,D1a-D5a	1N4740A-TPCT-ND	1N4740A, Diode Zener, 10V, 1W	DO-41		Digikey	\$0.10	8
D6,6a,7,7a	MUR460RLGOSCT-ND	MUR460A, Diode 4A,600V	DO-201AD	ON Semi	Digikey	\$0.48	4
D8,8a	516-1396-ND	Led, Red, 3MM, HLMP-6000	T-1		Digikey	\$0.35	2
Q1,2	IRF510L-ND	Trans. IRF510,MOSFET N-CH 100V 5.6A	TO-262	IR	Digikey	\$0.90	2
Q1a,2a	IRF9510L-ND	Trans. IRF9510,MOSFET P-CH 100V 4.0A	TO-262	IR	Digikey	\$1.17	2
Q3,8,9	512-BC546CTA	Trans. BC546C, NPN, 65V, 100ma	TO-92	Fairchild	Mouser	\$0.04	3
Q4-Q5 & Q6-Q7	512-BC546CTA	Trans. BC546C, Matched Pair	TO-92	Fairchild	Mouser	\$0.04	4
Q3a,8a,9a	512-BC556CTA	Trans. BC556C, PNP, -65V, 100ma	TO-92	Fairchild	Mouser	\$0.05	3
Q4a-Q5a & Q6a-Q7a	512-BC556CTA	Trans. BC556C, Matched Pair	TO-92	Fairchild	Mouser	\$0.05	4
Q10,10a	58K0119	Trans. BF245C JFET N-Channel	TO-92	Fairchild	Newark	\$0.13	2
Q11	BDX54C-ND	Trans. BDX54C, Darlington-P; 60W; -100V	TO-220AB	ON Semi	Digikey	\$0.55	1
Q11a	26K3488	Trans. BDX53C, Darlington-N; 60W; 100V	TO-220AB	ON Semi	Newark	\$0.69	1
U1,1a	LM336Z-5.0-ND	IC, LM336Z-5, Volt Ref 5V	TO-92	ON Semi	Digikey	\$0.96	2
CAPACITORS							
C1,1a,4,4a12,12a	505-M10.22/250/10	Cap. 0.22uF, 250V, MKP10 Wima	L18,W7,P15	WIMA	Mouser	\$0.93	6
C6,6a,8,8a,11,11a,13,13a	505-M10.22/250/10	Cap. 0.22uF, 250V, MKP10 Wima	P5-15mm	WIMA	Mouser	\$0.93	8
C2,2a,15,15a,16,16a		Cap. 1000uF, 100V, Nichicon FX	D18,P7.5,L40		PercyAudio	\$2.25	6
Other Choice	P6102	Cap. 2200uF, 100V, Panasonic TSUP	D22,P10		Digikey	\$4.89	6
Other Choice	P5851-ND	Cap. 1000uF, 100V, Panasonic NHG	D18,P7.5		Digikey	\$5.93	0
C3,3a	493-1124-ND	Cap.100uF, 63V, Nichicon VR	D10,P5,L12.5		Digikey	\$0.69	2
C10,10a		Cap.100uF, 16V	D10,P5,L12.5		Local	\$0.00	2
C5,5a,14,14a	P5583-ND	Cap.220uF, 63V, Panasonic NHG	D10,P5,L16	330uF/63V		\$0.69	4
C7,7a	P5570-ND	Cap. 47uF, 50V, Panasonic NHG	D6.3,P2.5		Digikey	\$0.37	2
C9,9a	P5567-ND	Cap. 10uF, 50V, Panasonic NHG	D5,P2		Digikey	\$0.33	2
C17,17a,18,18a	67F5829	Cap. 0.01uF, 100V, MKS4 Wima	7.2X5		Newark	\$0.31	4
RESISTORS - 1/4W, 1% (Otherwise Noted)							
R1,1a,2,2a	1.50KXBK-ND	Res. 1K5, 1/4W, 1%, MF, RN55		Dale	Digikey	\$0.10	4
R3,3a,6,6a	221XBK-ND	Res. 221R, 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	4
R4,4a,5,5a	1.00KXBK-ND	Res. 1K, 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	4
R7,7a,15,15a,16,16a,21,22,23,23a,24,24a	38K5353	Res. 4R7, 1/4W, 1%, MF, MF25		Multicomp	Newark	\$0.03	12
R8,8a,25,25a	68.1KXBK-ND	Res. 68K1, 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	4
R9,9a,26,26a	6.81KXBK-ND	Res. 6K81 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	4
R10,10a,11,11a	33.2KXBK-ND	Res. 33K2 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	4
R12,12a	392XBK-ND	Res. 392R, 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	2
R13,13a	27.4KXBK-ND	Res. 27K4 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	2
R14,14a	10.0KXBK-ND	Res. 10K 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	2
R17,17a	82.5XBK-ND	Res. 82R5, 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	2
R18,18a	22.1KXBK-ND	Res. 22K1 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	2
R19,19a	2.21KXBK-ND	Res. 2K21 1/4W, 1%, MF, MF25		Yageo	Digikey	\$0.10	2
R20,20a	0.0QBK-ND	Res. 0R Jumper, 1/4W		Yageo	Digikey	\$0.27	2
WR1,1a	67F5829	Pot. 5K, 3.8", Vertical, Linear, 25T, 64W pins		Spectrol	Newark	\$1.67	2
FUSES & etc.							
Fuse Socket	520101	5x20mm PCB mount fuseholder		Littlefuse	Digikey	\$1.02	2
OS1,1a	F2416-ND	0.3A, 250V IEC SLO 5X20MM (GDC 300ma)			Digikey	\$0.82	2
TH1	KC006L-ND	CL-60, Inrush Current Limiter				\$2.23	1
HARDWARE & MISC							
JP1,1a,2,2a	93K5737	Header, 2 pins, gold			Newark	\$1.20	1
	97F9686	Header Jumper, 2 pins, long			Newark	\$0.14	4
	BER120-ND	HEATPAD TO-247 .009" SP600			Digikey	\$1.36	5
	HS276-ND	HEATSINK TO-220 10W H=1.5" BLK			Digikey	\$1.58	2
	HS284-ND	HEATSINK TO-220 7W H=1.5" BLK			Mouser	\$1.26	2
HARDWARE & MISC							
TRANSFORMERS							
T1		Transformer, Prim: 2X120V Sec: 2X42V, 075A		Plitron	Plitron	\$50.00	1
CONNECTORS							
Single Ended RCA	CARDAS- 62010	RCA Female Jack, Cardas GRFA-Thin		Cardas	PartsX	\$16.95	
Balanced Input	87F6600	NC3FD-H Rear XLR 3pins Fem			Newark	\$4.26	
Balanced Output	87F6598	NC3MD-HRear XLR 3pins Male			Newark	\$5.01	
	Q210-ND	AC Input Conn.			Digikey	\$1.00	1
J1 (AC Supply)	A1301-ND	Conn. RECEPT CPC 4POS STD SER 1, 206061-1		AMP	Digikey	\$1.88	1
	A1343-ND	Pins, Socket, 20-24AWG GOLD CRIMP		AMP	Digikey	\$0.67	4
J2 (Digital Supply)	31-157-0	Conn. 2.1MM DC POWER JACK 2A, Panel		Mode	e-sonic	\$1.55	1
Power Supply Cable							
J1 (AC Supply)	A1357-ND	CONN PLUG CPC 4POS REV SER 1, Male, 206429-1		AMP	Digikey	\$2.32	1
	A1330-ND	CONN CABLE CLAMP CPC SIZE 11 BLK, 206062-1		AMP	Digikey	\$3.08	1
	A1342-ND	Pins, 20-24AWG 30 GOLD CRIMP		AMP	Digikey	\$0.58	4
J2 (Digital Supply)	31-121-0	Conn. 2.1MM DC POWER PLUG SHORT		Mode	e-sonic	\$0.72	1
	83396	Belden 83396, Length 48", 4 22AWG FEP FS SIL RED			e-sonic	\$0.27	12