

Inv Amp			
Item	Value	Part Number	Supplier
Amp x 2(L and R)			
C1	10uf 50V	EF1106	DigiKey
C2	150pf	1402PH	DigiKey
C3	100uf 50v	P5182	DigiKey
C4	100uf 50v	P5182	DigiKey
C5	.1uf	P4525	DigiKey
C6	150pf	1402PH	DigiKey
C7	82pf	P4848	DigiKey
C8	.22uf	P4667	DigiKey
C9	.22uf	P4667	DigiKey
C10	10uf 50v	P5178	DigiKey
C11	10uf 50v	P5178	DigiKey
C12	.1uf 100v	P4525	DigiKey
C13	100uf 100v	P6297	DigiKey
C14	.1uf 100v	P4525	DigiKey
C15	100uf 100v	P6297	DigiKey
C16	10uf 50v	P5178	DigiKey
C17	10uf 50v	P5178	DigiKey
C18	1500pf	P4863	DigiKey
C19	1uf 35v	P6260	DigiKey
C20	82pf	P4848	DigiKey
C21	.01UF	P4513	DigiKey
C22	.01UF	P4513	DigiKey
C23	82pf	P4848	DigiKey
C24	82pf	P4848	DigiKey
D1	1N4148	1N4148	Hosfelt
D2	1N4148	1N4148	Hosfelt
D3	3.3V	1N4728A	Hosfelt
D4	3.3V	1N4728A	Hosfelt
D5	12V	1N4742A	Hosfelt
D6	12V	1N4742A	Hosfelt
D7	10V	1N4744A	Hosfelt
D8	10V	1N4744A	Hosfelt
D9	10V	1N4740A	Hosfelt
D10	12V	1N4742A	Hosfelt
D11	12V	1N4742A	Hosfelt
D12		1N4002	Hosfelt
D13		1N4002	Hosfelt
D14		1N4002	Hosfelt
D15	12V	1N4742A	Hosfelt
F1	6 AMP	F124	DigiKey
F2	6 AMP	F124	DigiKey
IC1	LM334Z	23739	Jameco
IC2	LM334Z	23739	Jameco
IC3	LM339AN	23851	Jameco
IC4	LF411CN	23018	Jameco
IC5	LF357N	22998	Jameco

IC6	LF357N	22998	Jameco
IC7	LM358	120862	Jameco
K1	T90N5D12-12	145752	Jameco
LED1	Orange	156937	Jameco
LED2	Red	152784	Jameco
LED3	Green	156929	Jameco
Q1	MPSA06	26462	Jameco
Q2	MPSA06	26462	Jameco
Q3	MPSA56	MPSA56	DigiKey
Q4	MPSA56	MPSA56	DigiKey
Q5	MPSA56	MPSA56	DigiKey
Q6	MPSA06	26462	Jameco
Q7	MPSA56	MPSA56	DigiKey
Q8	MPSA06	26462	Jameco
Q9	MPSA06	26462	Jameco
Q10	MPSA06	26462	Jameco
Q11	MPSA06	26462	Jameco
Q12	MPSA56	MPSA56	DigiKey
Q13	MPSA56	MPSA56	DigiKey
Q14	MPSA06	26462	Jameco
Q15	MPSA56	MPSA56	DigiKey
Q16		IRFP9240	DigiKey
Q17		IRFP9240	DigiKey
Q18		IRFP9240	DigiKey
Q19		IRFP9240	DigiKey
Q20		IRFP240	DigiKey
Q21		IRFP240	DigiKey
Q22		IRFP240	DigiKey
Q23		IRFP240	DigiKey
Q24		IRF510	DigiKey
Q25	VN0610LL	ZVN4210A-ND	DigiKey
R1	46.4K	46.4KXBK	DigiKey
R2	2.05K	2.05KXBK	DigiKey
R3	2.05K	2.05KXBK	DigiKey
R4	100	100XBK	DigiKey
R5	100	100XBK	DigiKey
R6	10K	10.0KXBK	DigiKey
R7	10K	10.0KXBK	DigiKey
R8	100	100XBK	DigiKey
R9	100	100XBK	DigiKey
R10	10K	10.0KXBK	DigiKey
R11	10K	10.0KXBK	DigiKey
R12	33.2	33.2XBK	DigiKey
R13	33.2	33.2XBK	DigiKey
R14	162	162XBK	DigiKey
R15	1K	1.00KXBK	DigiKey
R16	1K	1.00KXBK	DigiKey
R17	402	402XBK	DigiKey

R18	10K pot	594-64W103	Mouser
R19	5.11K	5.11KXBK	DigiKey
R20	1K	1.00KXBK	DigiKey
R21	1K	1.00KXBK	DigiKey
R22	5.11K	5.11KXBK	DigiKey
R23	1K	1.00KXBK	DigiKey
R24	20K	20.0KXBK	DigiKey
R25	330, 3W	P330W-3BK	DigiKey
R26	100	100XBK	DigiKey
R27	330, 3W	P330W-3BK	DigiKey
R28	100	100XBK	DigiKey
R29	1K	1.00KXBK	DigiKey
R30	681	681XBK	DigiKey
R31	681	681XBK	DigiKey
R32	1K	1.00KXBK	DigiKey
R33	2K, 5W	VC5E2.0K	DigiKey
R34	2K, 5W	VC5E2.0K	DigiKey
R35	49.9	49.9XBK	DigiKey
R36	1.5K, 2W	P1.5KW-2BK	DigiKey
R37	5.1K, 1/2W	5.1KH	DigiKey
R38	10K	10.0KXBK	DigiKey
R39	825K	825KXBK	DigiKey
R40	825K	825KXBK	DigiKey
R41	46.4K	46.4KXBK	DigiKey
R42	402	402XBK	DigiKey
R43	10K Pot	308NPC103	DigiKey
R44	825K	825KXBK	DigiKey
R45	1K	1.00KXBK	DigiKey
R46	5.11K	5.11KXBK	DigiKey
R47	1K	1.00KXBK	DigiKey
R48	5.11K	5.11KXBK	DigiKey
R49	1K	1.00KXBK	DigiKey
R50	1K	1.00KXBK	DigiKey
R51	825K	825KXBK	DigiKey
R52	1K	1.00KXBK	DigiKey
R53	510, 1W	P510W-1BK-ND	DigiKey
R54	510, 1W	P510W-1BK-ND	DigiKey
R55	10K	10.0KXBK	DigiKey
R56	1K	1.00KXBK	DigiKey
R57	825K	825KXBK	DigiKey
R58	15K	15.0KXBK	DigiKey
R59	15K	15.0KXBK	DigiKey
R60	2.05K	2.05KXBK	DigiKey
R61	200	200XBK	DigiKey
R62	200	200XBK	DigiKey
R63	200	200XBK	DigiKey
R64	200	200XBK	DigiKey
R65	200	200XBK	DigiKey
R66	200	200XBK	DigiKey
R67	200	200XBK	DigiKey
R68	200	200XBK	DigiKey
R69	1.21K	1.21KXBK	DigiKey

R70	27.4K	27.4KXBK	DigiKey
R71	1.21K	1.21KXBK	DigiKey
R72	27.4K	27.4KXBK	DigiKey
R73	46.4K	46.4KXBK	DigiKey
R74	46.4K	46.4KXBK	DigiKey
R75	46.4K	46.4KXBK	DigiKey
R76	46.4K	46.4KXBK	DigiKey
R77	46.4K	46.4KXBK	DigiKey
R78	5.11K	5.11KXBK	DigiKey
R79	200	200XBK	DigiKey
R80	200	200XBK	DigiKey
REG1	LM317T	LM317T	DigiKey
REG2	LM337T	LM337T	DigiKey
TC1	80 deg. C	Airpax 67F080	Sager
Input Jack		161-4217	Mouser
1/4" jack		550-20301	Mouser
Term. Blocks(5)		ED1601-ND	DigiKey
PCB		ATL1995.1	Pentaplex
SW1	TA2UEECAU	EG1003-ND	DigiKey
TO-220 ins. Kits (4)		34121	Jameco
TO-247 Insul. (8)		BER178	DigiKey
Alum. Angle.		Alum angle	
Fuse clips (4)		F041	DigiKey
Twisted pair		Twisted pair	
Coax		Coax	
8-32 screw (8)		8-32 screw (8)	
8-32 nut (8)		8-32 nut (8)	
8-32 lockwasher (8)		8-32 lockwasher (8)	

Power Supply			
C1	2200uf 200V	P6135	DigiKey
C2	2200uf 200V	P6135	DigiKey
C3	1000uf 50V	P5668A	DigiKey
C4	1000uf 50v	P5668A	DigiKey
C5	.001uf	P4551	DigiKey
C6	10uf 50V	P5178	DigiKey
C7	100pf	1313PH	DigiKey

C8	.01uf	P4513	DigiKey
C9	10uf 50V	P5178	DigiKey
C10	4700pf	P4422	DigiKey
C11	4700pf	P4422	DigiKey
C12	4700pf	P4422	DigiKey
C13	4700pf	P4422	DigiKey
C14	560pf, 1000V	P4125	DigiKey
C17	470UF 100V	P5850	DigiKey
C18	470UF 100V	P5850	DigiKey
C19	470UF 100V	P5850	DigiKey
C20	470UF 100V	P5850	DigiKey
C21	.01UF	P4513	DigiKey
C22	.22uf	P4667	DigiKey
C23	.01UF	P4513	DigiKey
C24	3300PF	P3332	DigiKey
C25	.22UF	P4667	DigiKey
C26	1000uf 25v	P5634A	DigiKey
D1	MUR1540	FR805	DigiKey
D2	MUR1540	FR805	DigiKey
D3	MUR1540	FR805	DigiKey
D4	MUR1540	FR805	DigiKey
D5		1N4002	Hosfelt
D6		1N4002	Hosfelt
D7		1N4002	Hosfelt
D8		1N4002	Hosfelt
D9	12V	1N4742A	Hosfelt
D10	6.2V	1N4735A	Hosfelt
D11		1N4002	Hosfelt
D12	6.2V	1N4735A	Hosfelt
D13	12V	1N4742A	Hosfelt
D14	6.2V	1N4735A	Hosfelt
D15		FR804	DigiKey
BR1		KBPC3504	Hosfelt
DB2		KBPC602	Hosfelt
F1	15 amp	F165	DigiKey
F2	250 mamp	F109	DigiKey
F3	8 AMP	F126	DigiKey
IC1		511-SG3525AN	Mouser
IC2	LM358	120862	Jameco
IC3	LM358	120862	Jameco
JMP1,2,3,4	WIRE	Wire	
L1	100UH	PE-51517	Seger
L2	100UH	PE-51517	Seger
L3	1.8UH x 2	PE-96188	Seger
LED1	Red	152784	Jameco

LED2	Green	156929	Jameco
MOV1	ERZ-V20D431	P7277-ND	DigiKey
Q1		IRF450IR-ND	DigiKey
Q2		IRF450IR-ND	DigiKey
Q3		IRF450IR-ND	DigiKey
Q4		IRF450IR-ND	DigiKey
Q5	VN0610LL	ZVN4210A-ND	DigiKey
R1	316	316XBK	DigiKey
R2	7.50K	7.50KXBK	DigiKey
R3	10K	10.0KXBK	DigiKey
R4	4.7, .5W	4.7H	DigiKey
R5	75	75.0XBK	DigiKey
R6	75	75.0XBK	DigiKey
R7	75	75.0XBK	DigiKey
R8	75	75.0XBK	DigiKey
R9	75	75.0XBK	DigiKey
R10	75	75.0XBK	DigiKey
R11	75	75.0XBK	DigiKey
R12	75	75.0XBK	DigiKey
R13	50, 25W	D25K50R-ND	DigiKey
R16	200, .5W	200H	DigiKey
R17	3.48K	3.48KXBK	DigiKey
R18	1K	1.00KXBK	DigiKey
R19	2.05K	2.05KXBK	DigiKey
R20	10K	10.0KXBK	DigiKey
R21	10K	10.0KXBK	DigiKey
R22	1K	1.00KXBK	DigiKey
R23	1K	1.00KXBK	DigiKey
R24	100K	100KXBK	DigiKey
R25	6.98K	6.98KXBK	DigiKey
R26	100K	100KXBK	DigiKey
R27	16.9K	16.9KXBK	DigiKey
R28	36.5K	36.5KXBK	DigiKey
R29	15K	15.0KXBK	DigiKey
R30	100K	100KXBK	DigiKey
R31	16.9K	16.9KXBK	DigiKey
R32	36.5K	36.5KXBK	DigiKey
R33	15K	15.0KXBK	DigiKey
R34	100K	100KXBK	DigiKey
R35	100K	100KXBK	DigiKey
R36	100K	100KXBK	DigiKey
R37	46.4K	46.4KXBK	DigiKey
R38	100K	100KXBK	DigiKey
R39	4.99K	4.99KXBK	DigiKey
R40	316	316XBK	DigiKey
R41	1K, .5W	1.0KH	DigiKey
R42	1K	1.00KXBK	DigiKey
R43	22K 10W	20J22.0K	DigiKey

REG1		NJM7812FA-ND	DigiKey
REG2		NJM7812FA-ND	DigiKey
SW1	15 A, 120 V	15 A, 120 V	
SW2	CK 7201P3YZQE	26358	Jameco
T1		MT3137-ND	DigiKey
T2	GATE DRIVE	T-QSE1	QSE
T3		D1871	Coilcraft
T4	ETD49	T-QSE2	QSE
TR1		KC022L-ND	DigiKey
Term. Blocks(10)		ED1601-ND	DigiKey
Insulators (4)		BER178	DigiKey
Fuse clips (6)		F041	DigiKey
PCB		ATL1995.2	Pentaplex

Per channel chassis components			
Binding posts		80-259	Hosfelt
Heatsink	1/2 510-12M		Newark
Fan		75361	Jameco
Wire			

Chassis, once per unit			
Enclosure			
Line filter		165016	Jameco
Power cord		38076	Jameco
Power switch		127028	Jameco
Wire			