

Resistors					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
8	R49	10R	.25W 5% CF	Xicon	291-10-RC
	R50	10R			
	R51	10R			
	R52	10R			
	R62	10R			
	R63	10R			
	R68	10R			
	R69	10R			
1	R73	24R	.25W 1% MF	Xicon	271-24-RC
2	R18	30R	.25W 1% MF	Xicon	271-30-RC
	R19	30R			
1	R3	68R	.25W 1% MF	Xicon	271-68-RC
1	R11	82R	.25W 1% MF	Xicon	271-82-RC
1	R27	150R	.25W 1% MF	Xicon	271-150-RC
1	R70	160R	.25W 1% MF	Xicon	271-160-RC
2	R25	180R	.25W 1% MF	Xicon	271-180-RC
	R26	180R			
2	R12	470R	.25W 1% MF	Xicon	271-470-RC
	R21	470R			
1	R13	560R	.25W 1% MF	Xicon	271-560-RC
1	R41	750R	.25W 1% MF	Xicon	271-750-RC
3	R32	1k	.25W 1% MF	Xicon	271-1k-RC
	R46	1k			
	R67	1k			
1	R48	1k2	.25W 1% MF	Xicon	271-1.2k-RC
1	R14	1k5	.25W 1% MF	Xicon	271-1.5k-RC
1	R15	2k2	.25W 1% MF	Xicon	271-2.2k-RC
1	R53	2k87	.25W 1% MF	Xicon	271-2.87k-RC
2	R17	3k9	.25W 1% MF	Xicon	271-3.9k-RC
	R42	3k9			
1	R64	4k7	.25W 1% MF	Xicon	271-4.7k-RC
1	R72	5k1	.25W 1% MF	Xicon	271-5.1k-RC
1	R31	6k2	.25W 1% MF	Xicon	271-6.2k-RC
3	R47	6k8	.25W 1% MF	Xicon	271-6.8k-RC
	R55	6k8			
	R56	6k8			
1	R24	7k15	.25W 1% MF	Xicon	271-7.15k-RC
5	R16	10k	.25W 1% MF	Xicon	271-10k-RC
	R29	10k			
	R4	10k			
	R43	10k			
	R66	10k			



Resistors (Continued)					
6	R75	10k precision	.4W 0.1% MF	Vishay	MBB 0207-25 0.1% C1 10k
	R76	10k precision			
	R77	10k precision			
	R79	10k precision			
	R80	10k precision			
	R81	10k precision			
1	R45	15k	.25W 1% MF	Xicon	271-15k-RC
3	R6	20k	.25W 1% MF	Xicon	271-20k-RC
	R71	20k			
	R74	20k			
2	R35	27k	.25W 1% MF	Xicon	271-27k-RC
	R7	27k			
2	R22	47k	.25W 1% MF	Xicon	271-47k-RC
	R23	47k			
5	R57	51k	.25W 1% MF	Xicon	271-51k-RC
	R58	51k			
	R59	51k			
	R60	51k			
	R61	51k			
2	R1	56k	.25W 1% MF	Xicon	271-51k-RC6
	R9	56k			
1	R8	62k	.25W 1% MF	Xicon	271-62k-RC
1	R10	75k	.25W 1% MF	Xicon	271-75k-RC
4	R54	100k	.25W 1% MF	Xicon	271-100k-RC
	R65	100k			
	R78	100k			
	R82	100k			
2	R30	130k	.25W 1% MF	Xicon	271-130k-RC
	R36	130k			
1	R2	270k	.25W 1% MF	Xicon	271-270k-RC
2	R39	300k	.25W 5% MF	Xicon	291-300k-RC
	R40	300k			
2	R28	470k	.25W 1% MF	Xicon	271-470k-RC
	R44	470k			
2	R37	1M	.25W 5% MF	Xicon	291-1M-RC
	R38	1M			
2	R33	2M2	.25W 1% MF	Xicon	271-2.2M-RC
	R34	2M2			
1	R20	3M9	.25W 5% CF	Xicon	291-3.9M-RC
1	R5	10M	.25W 5% CF	Xicon	291-10M-RC
2	R83	10R	.5W 5% CF	Xicon	293-10-RC
	*****	10R	JP2-5 to JP2-13	**See build guide**	



Diodes & LED's					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
2	D1	FDH333	Low Leakage Diode	Fairchild Semiconductor	FDH333TR
	D2	FDH333			
9	D3	1N914	Rectifier	Fairchild Semiconductor	1N914
	D4	1N914			
	D5	1N914			
	D6	1N914			
	D7	1N914			
	D8	1N914			
	D9	1N914			
	D12	1N914			
	D13	1N914			
2	D10	1N4004	Rectifier	Fairchild Semiconductor	1N4004
	D11	1N4004			
1	CR1	10V prec Z	.5% Shunt Ref	Texas Instruments	LM4040CIZ-10.0/NOPB
1	CR2	1N5243B	13V Zener	Fairchild Semiconductor	1N5243B
1	CR3	BZX79C4V3	4V3 Zener	Fairchild Semiconductor	BZX79C4V3

Capacitors					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	C25	150pF, 100V	Film	WIMA	FKP2-150/100/2.5
1	C19	0.0068µF, 50V	Film	Nichicon	QYX1H682JTP
1	C5	0.022µF, 100V	Metallized Polyester		R82EC2220AA50J
2	C6	0.22µF, 63V	Metallized Polyester		R82DC3220AA60J
	C7	0.22µF, 63V			
1	C24	27pF, 50V	COG Ceramic	BC	K270J15C0GF5TL2
1	C34	68pF, 50V	COG Ceramic	BC	K680J15C0GF5TL2
6	C27	120pF, 50V	COG Ceramic	BC	K121J15C0GF5TL2
	C31	120pF, 50V			
	C35	120pF, 50V			
	C37	120pF, 50V			
	C39	120pF, 50V			
	C40	120pF, 50V			
2	C11	200pF, 100V	COG Ceramic	Multicomp	MC0805N201J101A2.54MM
	C12	200pF, 100V			
7	C4	.1µF, 50V	X7R Ceramic	BC	K104K15X7RF5TL2
	C17	.1µF, 50V			
	C18	.1µF, 50V			
	C21	.1µF, 50V			
	C28	.1µF, 50V			
	C29	.1µF, 50V			
	C44	.1µF, 50V			
2	C2	6.8µf, 25V	Tantalum	AVX Corp	TAP685K025SCS
	C3	6.8µf, 25V			



Capacitors (Continued)					
2	C20	1µf, 50V	Radial, Electrolytic	Nichicon	UPJ1H010MDD1TD
	C43	1µf, 50V			
1	C45	18µF, 35V	Radial, Electrolytic	United Chemi-Con	EKZE350ELL180ME07D
8	C15	33µf, 35V	Radial, Electrolytic	Nichicon	UHE1V330MDD
	C16	33µf, 35V			
	C22	33µf, 35V			
	C23	33µf, 35V			
	C32	33µf, 35V			
	C33	33µf, 35V			
	C41	33µf, 35V			
	C42	33µf, 35V			
2	C36	47µF, 6V3	BP Radial, Electro	Panasonic	ECE-A0JN470U
	C38	47µF, 6V3			
2	C10	47µf, 25V	Radial, Electrolytic	Nichicon	UHE1E470MDD
	C26	47µf, 25V			
2	C1	100µF, 50V	Radial, Electrolytic	Panasonic	EEU-FM1H101
	C30	100µF, 50V			
2	C9	1µF, 63V	Axial, Electrolytic	BC	MAL202138108E3
	C14	1µF, 63V			
2	C8	15µF, 63V	Axial, Electrolytic	BC	MAL202138159E3
	C13	15µF, 63V			
1	C46	470µF, 6V3	Axial, Electrolytic	BC	MAL202133471E3

Switches & Relays					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	SW1	2x6 2-Deck	Rotary	Grayhill	71AF30-02-2-6S-F
2	K1	TQ2-12V	DPDT Relay	Panasonic	TQ2-12V
	K2	TQ2-12V			

Transistors					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	Q1	2N3904	NPN-BJT	Fairchild	2N3904TA
2	F1	J109	JFET	Fairchild	J109_D26Z
	F2	J109			
1	F3	~~~~	JFET	CAPI	MTR
1	F4	~~~~	JFET	CAPI	VVR



Pots, Trimmers, Knobs & Inserts					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	RV1	2k-25 Turn		Bourns	3296Z-1-202LF
1	RV2	2k-25 Turn		Bourns	3296Y-1-202LF
1	RV7	100R-25 Turn		Bourns	3296Y-1-101LF
1	RV8	100k-25 Turn		Bourns	3296Y-1-104LF
1	RV3	5M linear		Bourns	51CAD-D20-B27L
1	RV4	25k linear		Bourns	51CAD-D20-B17L
2	RV5	10k log		Bourns	51CAD-D20-D15L
	RV6	10k log			
2	RV3	.125" Shaft	Control Knob	Vemaline	5-37-1A
	RV4	.125" Shaft			
2	RV5	.125" Shaft	Control Knob	Vemaline	5-50-1A
	RV6	.125" Shaft			
1	SW1	.125" Shaft	Control Knob	Vemaline	5-62-1A
2	RV3	Tan	Colored Insert	CAPI	JNW-x-37-tan
	RV4				
2	RV5	Blue	Colored Insert	CAPI	JNW-x-50-blue
	RV6				
1	SW1	Red	Colored Insert	CAPI	JNW-x-62-red

Operational Amplifiers					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	A1	Quad IC	JFET Input	Texas Instruments	TL084INE4
1	A2	Single IC	JFET Input	Texas Instruments	TL081CP
1	A3		Discrete	??	
1	A4		Discrete	??	
1	A5		Discrete	??	

Transformers					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
1	T1		Output	audioiron	EA2623-1

Miscellaneous					
Part # Qty	Position	Value	Type	Manufacturer	Man. Part#
3	A1	6pc set	PC Sockets	Mill-Max	0322-0-15-15-34-27-10-0
	A2	6pc set			
	A3	6pc set			
1	L-Bracket		Aluminum	CAPI	FC526 L-Bracket
1	Faceplate		Aluminum	CAPI	FC526 Faceplate
1	****		PCB	CAPI	CAPI FC526 Rev A.2
1	JP1	8-pin	Pico Header	Molex	90325-0008
1	PCB to PCB	8-pin	75mm Pico Cable	Molex	92315-0807

