

RefDes	VALUE	DESCRIPTION	PART #	QTY	NOTES
C1, C2	220uF	Electrolytic, 35v	EEU-FM1V221	2	
C3, C4	100uF	Electrolytic, 25v	EEU-FR1E101	2	
CB1-CB4	.1uF	Ceramic, 2.5mm lead spacing	K104K15X7RF53	4	Any .1uF ceramic cap with 2.5mm lead spacing will work.
IC1, IC2	NE5532	Dual opamp, DIP8	NE5532P	2	Any dual opamp will work; however, very high-bandwidth opamps may not be stable.
J1	2-pin	Screw terminal, 5mm spacing	1935161	1	Omit if soldering directly to board.
J2	3-pin	Screw terminal, 5mm spacing	1935174	1	Omit if soldering directly to board.
J3	TRS	1/4" jack	Custom	1	Use any TRS jack and connect to board via hookup wire.
LED1	Red	3mm LED	WP710A10LID	1	
R1, R2, R7, R8,	4.7k	Metal film, 1/4 Watt	Generic	5	
R3, R4	1k	Metal film, 1/4 Watt	Generic	2	
R5, R6	2.2k	Metal film, 1/4 Watt	Generic	2	
R9-R12	1R	Metal film, 1/4 Watt	Generic	4	
VR1	20kA	Dual gang	Custom	1	Use any dual pot between 10k-20k, linear or audio taper. Connect to pads via hookup wire.