

Qty	Value	Parts	Package	Description	Notes
15	10k	R1, R2, R4, R5, R26, R30, R34, R39, R40, R41, R42, R43, R46, R53, R59, R61	1/4W Resistor	1/4W Resistor, 10k	
11	100k	R11, R12, R28, R33, R35, R44, R54, R49, R50, R60, R62	1/4W Resistor	1/4W Resistor, 100k	
2	47k	R13, R14	1/4W Resistor	1/4W Resistor, 47k	
1	100r	R15	1/4W Resistor	1/4W Resistor, 100 ohm	
1	22k	R20	1/4W Resistor	1/4W Resistor, 22k	
3	4k7	R22,R29, R32	1/4W Resistor	1/4W Resistor, 4.7k	
1	1k5	R24	1/4W Resistor	1/4W Resistor, 1.5k	
5	1k	R25, R31, R45, R48, R63	1/4W Resistor	1/4W Resistor, 1k	
1	220k	R27	1/4W Resistor	1/4W Resistor, 220k	
9	1M	R3, R7, R16, R17, R18, R19, R56, R57, R58	1/4W Resistor	1/4W Resistor, 1M	
2	27k	R36, R37	1/4W Resistor	1/4W Resistor, 27k	
1	2k9	R38	1/4W Resistor	1/4W Resistor, 2.9k	
1	120k	R47	1/4W Resistor	1/4W Resistor 120k	
2	3k3	R52, R55	1/4W Resistor	1/4W Resistor, 3.3k	
3	2k2	R6, R21, R23	1/4W Resistor	RESISTOR, 2.2k	
1	1k8	R8	1/4W Resistor	1/4W Resistor, 1.8k	
3	56k	R9, R10, R51	1/4W Resistor	1/4W Resistor, 56k	
1	A50k	LEVEL	16MM_B.MOUNT	16mm Pot, 50k Audio Taper	
1	B50k	HI	16MM_B.MOUNT	16mm Pot, 50k Linear Taper	
1	B50k	LO	16MM_B.MOUNT	16mm Pot, 50k Linear Taper	
1	A50k	GAIN	16MM_B.MOUNT	16mm Pot, 50k Audio Taper	
1	LED.3	D4	3MM LED	3mm LED	
3	47p	C15, C28, C35	5 x 3 mm, grid 2.54 mm	Capacitor, ceramic C0G/NPO	
1	10p	C30	5 x 3 mm, grid 2.54 mm	Capacitor, 10pF ceramic C0G/NPO	
8	1u	C12, C19, C20, C22, C25, C29, C37, C38	5mm, grid 2.54 mm	1uF Electrolytic Cap	
1	2.2u	C13	5mm, grid 2.54 mm	Capacitor, 2.2uF Electrolytic	
6	10u	C14, C17, C31, C34, C39, C40	5mm, grid 2.54 mm	Capacitor, 10uF Electrolytic	
3	47u	C2, C3, C21	5mm, grid 2mm	Capacitor, 47uF Electrolytic	
1	100u	C4	6.3mm, grid 2mm	POLARIZED CAPACITOR	
5	.047u	C1, C6, C11, C26, C36	7.5 x 3 mm, grid 5.08 mm	Capacitor, 47nF film or ceramic	
1	.010u	C10	7.5 x 3 mm, grid 5.08 mm	Capacitor, 10nF film or ceramic	
2	.1u	C16, C41	7.5 x 3 mm, grid 5.08 mm	Capacitor, .1uF film or ceramic	
1	.033u	C18	7.5 x 3 mm, grid 5.08 mm	Capacitor, 33nF film or ceramic	
1	.001u	C23	7.5 x 3 mm, grid 5.08 mm	Capacitor, 1nF film or ceramic	
2	.015u	C24, C32	7.5 x 3 mm, grid 5.08 mm	Capacitor, 15nF film or ceramic	
1	.0047u	C27	7.5 x 3 mm, grid 5.08 mm	Capacitor, 4.7nF film or ceramic	
2	470p	C5, C7	7.5 x 3 mm, grid 5.08 mm	Capacitor, 470pF ceramic	
2	220p	C8, C9	7.5 x 3 mm, grid 5.08 mm	Capacitor, 220pF ceramic	
1	.150u	C33	7.5 x 5 mm, grid 5.08 mm	Tantalum, could use bipolar electrolytic or film	
2	4558	IC1, IC2	DIP8	Dual Op Amp, 4558 or similar	Dealers choice, OEM was bipolar input
6	1n914	D1, D3, D5, D6, D8, D9	DO41	1n914 or similar	
1	5.6V	D2	DO41	Zener Diode, 5.6V	
1		SW_3	DPDT submini PCB	DPDT Switch,sub-mini, PCB mnt, "Type 2"	Taiway part# 200-MDP6-T1B1M2QE
1		SW_2	SPDT submini PCB	SPDT, submini PCB mount	Taiway part# 200-MSP1-T1B1M2QE
1		SW_1	SPST solder lug	SPST Momentary Switch, solder lug	
3	2N5457	Q1, Q3, Q4	TO92	N-JFET (DSG) – 2N5457 or similar	
2	2N5088	Q10, Q11,	TO92	NPN (EBC)– 2N5088 or similar (higher hfe = better)	
3	2n3904	Q13, Q14, Q15	TO92	NPN (EBC)– 2N3904 or similar	
3	J111	Q2, Q9, Q12	TO92	N-JFET (DSG) – J111, 2N5485, 2N5457, or similar	
1	2N3906	Q5	TO92	PNP (EBC)– 2N3906 or similar	
3	2N2369	Q6, Q7, Q8	TO92	NPN (EBC) - 2N2369, 2N1613, MPSA06, or similar (low hfe=better)	