

Burmester 933MK2 Clone Amplifier Assemble Manual



Alex Audio

Site: <http://www.alexchiangaudio.com>

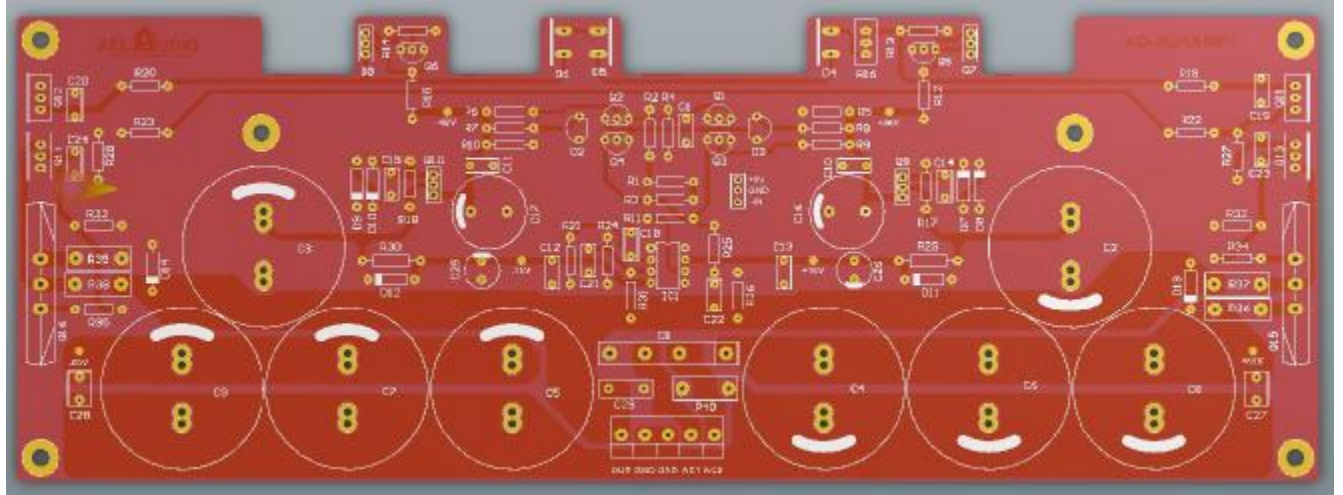
BBS: <http://www.alexchiangaudio.com/bbs>

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Components

PCB



C



T



R



D



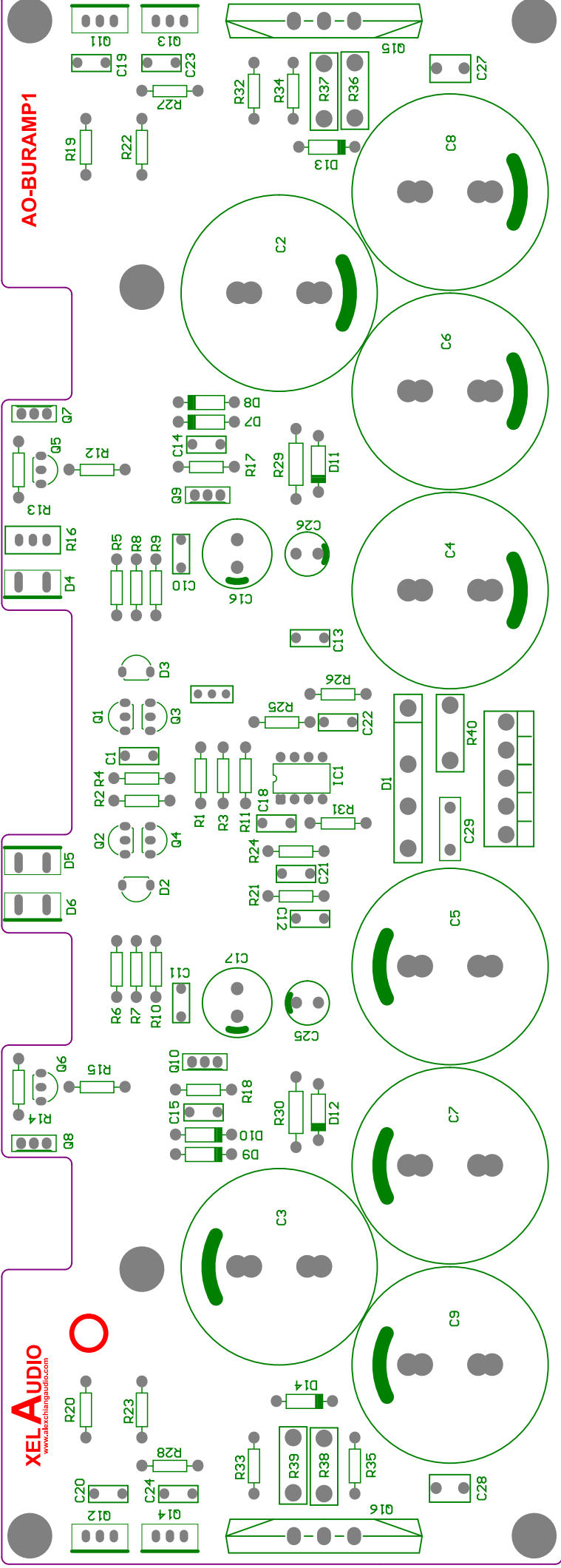
Bill of Materials

Comment	Description	Designator	Footprint	Quantity
100P	Capacitor	C1	RAD-0.2	1
6800U/ 10000U	Polarized Capacitor (Radial)	C2, C3, C4, C5, C6, C7, C8, C9	C35A	8
104	Capacitor	C10, C11, C12, C13, C14, C15, C27, C28, C29	RAD-0.2	9
470U	Polarized Capacitor (Radial)	C16, C17	C5/ 12.5	2
224	Capacitor	C18, C21	RAD-0.2	2
470P	Capacitor	C19, C20, C23, C24	RAD-0.2	4
27P	Capacitor	C22	RAD-0.2	1
47U	Polarized Capacitor (Radial)	C25, C26	C4/ 8	2
Bridge1	Full Wave Diode Bridge	D1	GSIB2020	1
J510		D2, D3	TO-92	2
BYV29	Default Diode	D4, D5, D6	TO-220AC-M	3
24V	Zener Diode	D7, D8, D9, D10	DIODE-0.4	4
15V	Zener Diode	D11, D12	DIODE-0.4	2
1N4007	Default Diode	D13, D14	DIODE-0.4	2
OP07		IC1	DIP-8	1
BC639	NPN Bipolar Transistor	Q1, Q3, Q6	TO-92	3
BC640	PNP Bipolar Transistor	Q2, Q4, Q5	TO-92	3
2SD669	NPN Bipolar Transistor	Q7, Q9	TO-126	2
2SB649	PNP Bipolar Transistor	Q8, Q10	TO-126	2
2SC4883	NPN Bipolar Transistor	Q11, Q13	TO-220	2
2SA1859	PNP Bipolar Transistor	Q12, Q14	TO-220	2
2SA1216	PNP Bipolar Transistor	Q15	TO-247	1
2SC2922	NPN Bipolar Transistor	Q16	TO-247	1
10	Resistor	R32, R33	AXIAL-0.4	2
22	Resistor	R34, R35	AXIAL-0.4	2
56	Resistor	R22, R23	AXIAL-0.4	2
75	Resistor	R25	AXIAL-0.4	1
100	Resistor	R27, R28	AXIAL-0.4	2
120	Resistor	R13, R14	AXIAL-0.4	2
240	Resistor	R19, R20	AXIAL-0.4	2
330	Resistor	R12, R15	AXIAL-0.4	2
1K	Resistor	R2, R3	AXIAL-0.4	2
3.3K	Resistor	R29, R30	AXIAL-0.5	2
4.3K	Resistor	R5, R6, R9, R10	AXIAL-0.4	4
4.7K	Resistor	R17, R18	AXIAL-0.4	2
7.5K	Resistor	R7, R8	AXIAL-0.4	2
20K	Resistor	R11	AXIAL-0.4	1
22K	Resistor	R4	AXIAL-0.4	1
33K	Resistor	R1	AXIAL-0.4	1
39K	Resistor	R21, R24	AXIAL-0.4	2
100K	Resistor	R26	AXIAL-0.4	1
390K	Resistor	R31	AXIAL-0.4	1
500	Potentiometer	R16	3296	1
0.47/ 5W	Resistor	R36, R37, R38, R39	5W	4
10/ 5W	Resistor	R40	5W	1

284.48 (mm)

XEL Audio
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AO-BURAMP1



101.6 (mm)

