

# Bill Of Materials

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Design: TETRODE AMPLIFIER DESIGN SUITE G2\_Supply\_Control\_&\_Trip  
 Doc. no.: Amateur Radio  
 Revision: 5a  
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 Modified: 06/2021

QTY	PART-REFS	VALUE	UZ	PACKAGE
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Resistors				
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1	R1	33k		10 W
2	R2,R11	1M		2 OR 3 W
1	R3	39k		0.25 W
6	R4-R6,R18-R20	100k		2 W
1	R7	22		2 W
1	R8	100		0.25 W
1	R9	2.7k		0.25 W
3	R10,R17,R22	1M		0.25 W
3	R12	1.5k (3x500R)		50 W CHASSIS
1	R13	120k		0.25 W
1	R14	1.2k (OR 2x2.2k //)		50 W CHASSIS
1	R15	100k		0.25 W
1	R16	1k		1 W
1	R21	82k		0.25 W
1	R23	47k		0.25 W
Capacitors				
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6	C1-C3,C11-C13	330uF 400 OR 450 V		DIA 30 PITCH 10
2	C4,C14	10nF 1 OR 2 kV		PITCH 7.62
6	C5-C7,C9,C10	100nF 50V		PITCH 2.54 OR 5.08
1	C8	1uF 150V		PITCH 2.54
Integrated Circuits				
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1	U1	4N35/36/37		DIL06
1	U2	LM358		DIL08
Transistors				
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1	Q1	IRFPS43N50		TO247
1	Q2	BC556		TO92
2	Q3,Q4	BS170		TO92
Diodes				
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9	D1-D9	1N4007		DO41
Miscellaneous				
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1	DZ1	1N5363B	30	DO50 5 W
2	DZ2,DZ3	BZX79C3V6	3V6	DO35
1	DZ4	BZX79C12	12	DO35
1	DZ5	BZX79C51	51	DO35
1	FU1	0.5A FAST		FUSE 5X20
7	Jx	TERMINAL BLOCK 2 POLES		PITCH 5.08
1	Jx	TERMINAL BLOCK 3 POLES		PITCH 5.08
1	RL1	RELAY DIL16 2RT		COIL 24 V DC
1	RV1	50k		1 TURN
1	RV2	10k		1 TURN