

Bill Of Materials

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Design: TETRODE AMPLIFIER DESIGN SUITE V G2 1000 V MAX POWER SUPPLY & TRIP
 Doc. no.: Amateur Radio
 Revision: 6a
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QTY	PART-REFS	VALUE	UZ	PACKAGE
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Resistors				

1	R1	220k		10 W
2	R2,R11	6.8M 3.5kV		0.5 W OR 1 W
3	R3,R15,R20	100k		0.25 W
5	R4-R8	100k		2 W
1	R9	2.7k		0.25 W
3	R10,R17,R22	1M		0.25 W
4	R12	1k (OR 8 x 500R)		100 W CHASSIS
1	R13	120k		0.25 W
2	R14	1k (OR 4 x 500R)		100 W CHASSIS
1	R16	1k		1 W
1	R18	10		2 W
1	R19	100		0.25 W
1	R21	82k		0.25 W
Capacitors				

5	C1-C5	330uF 450 or 400 V		DIA 30 PITCH 10 mm
5	C6,C7,C9,C10,C12	100nF 50 V		PITCH 2.54 OR 5.08
1	C8	1uF 150 V		PITCH 2.54
2	C11,C13	10nF 2 kV		PITCH 7.62
Integrated Circuits				

1	U1	4N35/36/37		DIL06
1	U2	LM358N		DIL08
Transistors				

1	Q1	STW11NK100Z		TO247
1	Q2	BC556		TO92
2	Q3,Q4	BS170		TO92
Diodes				

9	D1-D9	1N4007		DO41
Miscellaneous				

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
8	Jx	TERMINAL BLOCK 2 POLES		PITCH 5.08
1	Jx	TERMINAL BLOCK 3 POLES		PITCH 5.08
1	RL1	RELAY DIL16 2RT		COIL 24V
1	RV1	50k		POT 1 TURN
1	RV2	10k		POT 1 TURN