

Bill Of Materials

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Design: TETRODE AMPLIFIER DESIGN SUITE V G2 1000 V MAX SUPPLY & TRIP
 Doc. no.: Amateur Radio
 Revision: 6 or 6a
 Author: flfrv@sfr.fr
 Modified: 06/2021

QTY	PART-REFS	VALUE	UZ	PACKAGE
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Resistors				

1	R1	220k		10 W
1	R2	2.2k		1 W
7	R3,R15-R19,R23	100k		0.25 W
1	R4	2.7k		0.25 W
2	R5,R6	100k		0.25 W
4	R7-R10	1M		0.25 W
1	R11	22		1 W
4	R12	1k (OR 8 x 500R)		100 W CHASSIS
1	R13	100		0.25 W
2	R14	1k		100 W CHASSIS
3	R20-22	6.8M 3.5kV		0.5 W OR 1 W
Capacitors				

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

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

1	Q1	SCT3080KL		TO247
1	Q2	BC556		TO92
2	Q3,Q5	BS170		TO92
1	Q4	ZVP2106A		E-LINE
Diodes				

13	D1-D13	1N4007		DO41
Miscellaneous				

1	DZ1	1N5363B	30	DO41
2	DZ2,DZ3	BZX79C3V6	3V6	DO35
1	DZ4	BZX79C12	12	DO35
1	DZ5	BZX79C51	51	DO35
1	DZ6	1N5349B	12	DO41
1	FU1	500 mA FAST		5 x 20
8	Jx	TERMINAL BLOCK 2		PITCH 5.08
1	RL1	RELAY DIL16 2RT		COIL 24 V DC
1	RV1	50k		POT 1 TURN
1	RV2	10k		POT 1 TURN