



* For greater reliability in operation, we recommend using four pairs of final transistors.

PROJECT DP400

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Power dissipation of each component when amplifier is fed +/-70Vcc and load is 4 Ohm (about 400W - 40hm)

RefDes	Value	U.M.	Power dissipation on piece (in operation at nominal power amplifier)	Standard value power dissipation	U.M.	OBS!
R1, R2, R3	20	KOhm	0.173	0.6	W	
R5, R6	3.9	KOhm	0.024	0.6	W	
R4	330	Ohm	0.109	0.6	W	
R7, R8, R23, R24	330	Ohm	0.000007	0.25	W	
R9	2	Kohm	0.05	your choice	W	trim
R10, R11, R16, R17	0.22	Ohm	1.128	4 or 5	W	
R12	10	Ohm	0.001 (rms fault more then 10W)	0.25W (your choice)	W	
R13	100	KOhm	-	-	W	
R14	1	KOhm	0.000001	your choice	W	
R15, R19	100	KOhm	0.049	0.4 or 0.6	W	
R20	4.7	KOhm	0.049	0.4 or 0.6	W	
R25, R26	51	Ohm	0.00011475	your choice	W	
R27	2.2	KOhm	0.147	0.6	W	
R28	5.1	KOhm	0.066	0.4 or 0.6	W	
R29	2.7	KOhm	0.12	0.6	W	
R22	100	Ohm	0.05	your choice	W	trim
R21	4.7	Ohm	0.00	*amp fault up to 5W	W	
Q1, Q2	2N6849	-	0.422	P-ch MOSFET- 25W	-	Uds=63.84Volts
Q3, Q4	2N6800	-	0.082	N-ch MOSFET- 25W	-	Uds=50.62Volts
Q5, Q6, Q10, Q11	IRFP240/9240	-	55.67	MOSFET- 150W	-	Uds=69.61Volts
Q7, Q8	2SK117	-	0.0234	N-ch J-FET 0.3W	-	Uds=14.07Volts
Q9	2N6849	-	0.112	P-ch MOSFET- 25W	-	Uds=55.01Volts
Q12	2N6800	-	0.153	N-ch MOSFET- 25W	-	Uds=51.03Volts
Q13	2N6800	-	0.263	N-ch MOSFET- 25W	-	Uds=52.7Volts

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