

MACAQUE 200w Hi-fi Amplifier List of Parts

No.	Description	References	Value	Quantity Per PCB
1	Polyester Capacitor	C9	100nf 63v	1
2	Ceramic Disc Capacitor	C6	100pf 50v	1
3	Ceramic Disc Capacitor	C3	220pf 50v	1
4	Electrolytic Capacitor	C8 C10	100uf / 220uf 50v	2
5	Electrolytic Capacitor	C4	220uf 25v	1
6	Electrolytic Capacitor	C1 C2	10uf / 22uf 50v	2
7	Electrolytic Capacitor	C5	47uf / 100uf 50v	1
8	1A General Purpose Diode	D3 D4	1N4007	2
9	Small Signal Diode	D1 D2	1N4148	2
10	Fuse Holder 5x20 mm	F1 F2	Fuse 5 Amp.	2
11	Positive Supply Connector	J4	+VE Supply	1
12	Negative Supply Connector	J6	-VE Supply	1
13	Ground Connector	J3 J5	GND	2
14	Speaker Connector	J2	SPK	1
15	Screw terminal 2 Pole	J1	Signal IN	1
16	Wire Jumper / 0Ω	JP1 JP2	J1 J2	2
17	Inductor Coil	L1	1000nH	1
18	2N5401 / MPSA92 - 93	Q1 Q2 Q5	2N5401	3
19	2N5551 / MPSA42 - 43	Q3 Q4 Q6	2N5551	3
20	2SA1943 / TTA1943 / NJW0302G	Q13	2SA1943	1
21	2SC5200 / TTC5200 / NJW0281G	Q12	2SC5200	1
22	C2073 / TIP41C	Q10	C2073 / TIP41C	1
23	A940 / TIP42C	Q11	A940 / TIP42C	1
24	BD139 / MJE340	Q8 Q9	BD139	2
25	BD140 / MJE350	Q7	BD140	1
26	Resistor 5 watt	R22 R23	0E22 / 0.22Ω	2
27	Resistor 1/4watt	R15 R17 R18 R19 R24	100Ω	5
28	Resistor 1/4watt	R8 R9	10K	2
29	Resistor 1watt Fusible	R28	10Ω	1
30	Resistor 1/4watt	R3	150Ω	1
31	Resistor 1/4watt	R16	15Ω	1
32	Resistor 1/4watt	R1 R10 R12 R13	1K	4
33	Resistor 1/4watt	R14	220Ω	1
34	Resistor 1/4watt	R2 R11	33K / 22K*	2
35	Resistor 1/4watt	R4 R6	22Ω	2
36	Resistor 1/4watt	R20 R21	10Ω	2
37	Resistor 1/4watt	R5 R7	68Ω	2
38	Potentiometer / Preset 501	RV1	500Ω	1

* - Gain Resistors, 22K = Normal Gain, 33K = High Gain

For more info please visit - www.vaspelectronics.com