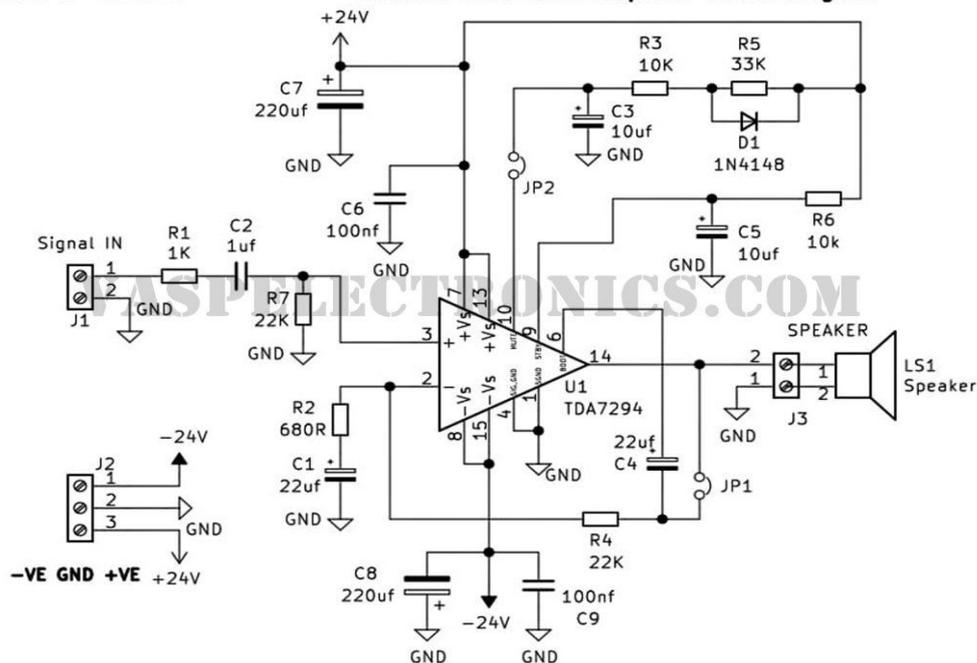


**TUSKER TDA7294 Amplifier List of Parts (BOM)**

Sr.no.	Description	References	Value	Quantity Per PCB
1	Unpolarized capacitor	C6 C9	100nf 50v	2
2	Unpolarized capacitor	C2	1uf 50v	1
3	Polarized capacitor	C3 C5	10uf 50v	2
4	Polarized capacitor	C1 C4	22uf 50v	2
5	Polarized capacitor	C7 C8	220uf 50v	2
6	Diode	D1	1N4148	1
7	Screw terminal, 01x03	J2	DC Power In	1
8	Screw terminal, 01x02	J1	Signal In	1
9	Screw terminal, 01x02	J3	SPK Out	1
10	Wire Jumper	JP1 JP2	Jumper	2
11	Resistor 1/4 Watt	R3 R6	10K	2
12	Resistor 1/4 Watt	R1	1K	1
13	Resistor 1/4 Watt	R4 R7	22K	2
14	Resistor 1/4 Watt	R5	33K	1
15	Resistor 1/4 Watt	R2	680R	1
16	TDA7293 / TDA7294 ic	U1	TDA7294	1

**TDA7294 100w Mono Amplifier Circuit Diagram**

**Instructions**

Use good quality Soldering Iron and Solder wire. after soldering components, check for solder overflow / dry / Shorted solder joints or the amplifier will not work.

Securely fit amplifier IC with insulator on suitable Heat sink.

Before powering on for the first time check for any short circuits between power supply, ground input and output with Multimeter.

Apply power without any output load (Speakers) and input signal connected.

If there is no Bang or Smoke and nothing is getting too hot or burning, Eureka.

Now connect the Speakers and power on, there should be no humming or Noise. if humming or noise is audible, recheck with circuit diagram.

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