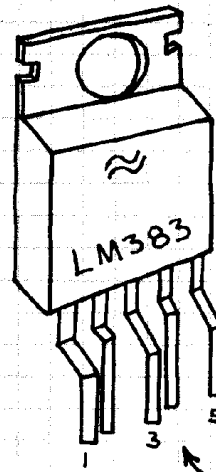


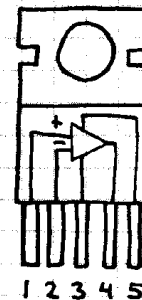
8-WATT POWER AMPLIFIER

LM383 / TDA2002

POWER AMPLIFIER DESIGNED SPECIFICALLY FOR AUTOMOTIVE APPLICATIONS — BUT IDEAL FOR ANY AUDIO AMPLIFICATION SYSTEM. DESIGNED TO DRIVE A 4-OHM LOAD (EQUIVALENT TO A SINGLE 4-OHM SPEAKER OR TWO 8-OHM SPEAKERS IN PARALLEL). THIS CHIP CONTAINS THERMAL SHUTDOWN CIRCUITRY TO PROTECT ITSELF FROM EXCESSIVE LOADING. THIS WILL CAUSE SEVERE DISTORTION DURING OVERLOAD CONDITIONS. YOU MUST USE AN APPROPRIATE HEAT SINK (E.G. RADIO SHACK 276-1363). SPREAD SOME HEAT SINK COMPOUND (276-1372) ON THE LM383 TAB BEFORE ATTACHING THE HEAT SINK.

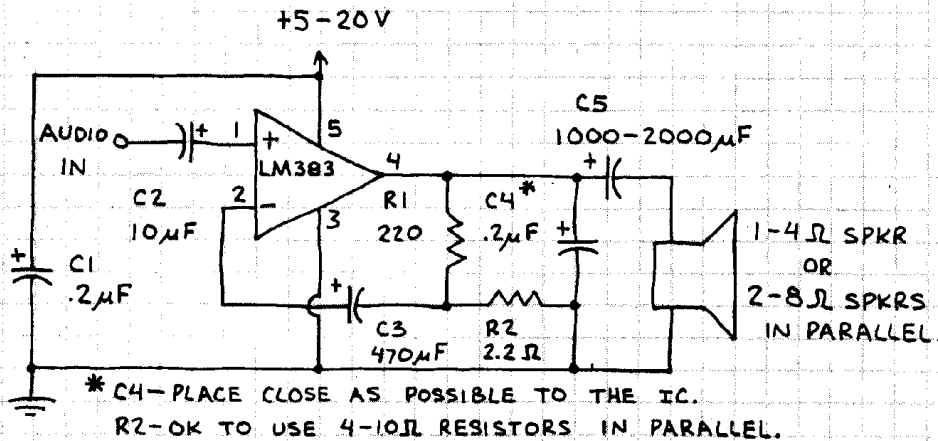


NOTE PRE-FORMED LEADS.



1 - + IN
2 - - IN
3 - GND
4 - OUT
5 - +5-20V

8-WATT AMPLIFIER



OPERATION:

1. USE HEAT SINK.
2. REDUCE POWER SUPPLY VOLTAGE TO 6-9 VOLTS (AS IN CIRCUIT BELOW) IF SEVERE DISTORTION OCCURS.
3. DON'T APPLY EXCESSIVE INPUT SIGNAL.

16-WATT BRIDGE AMPLIFIER

