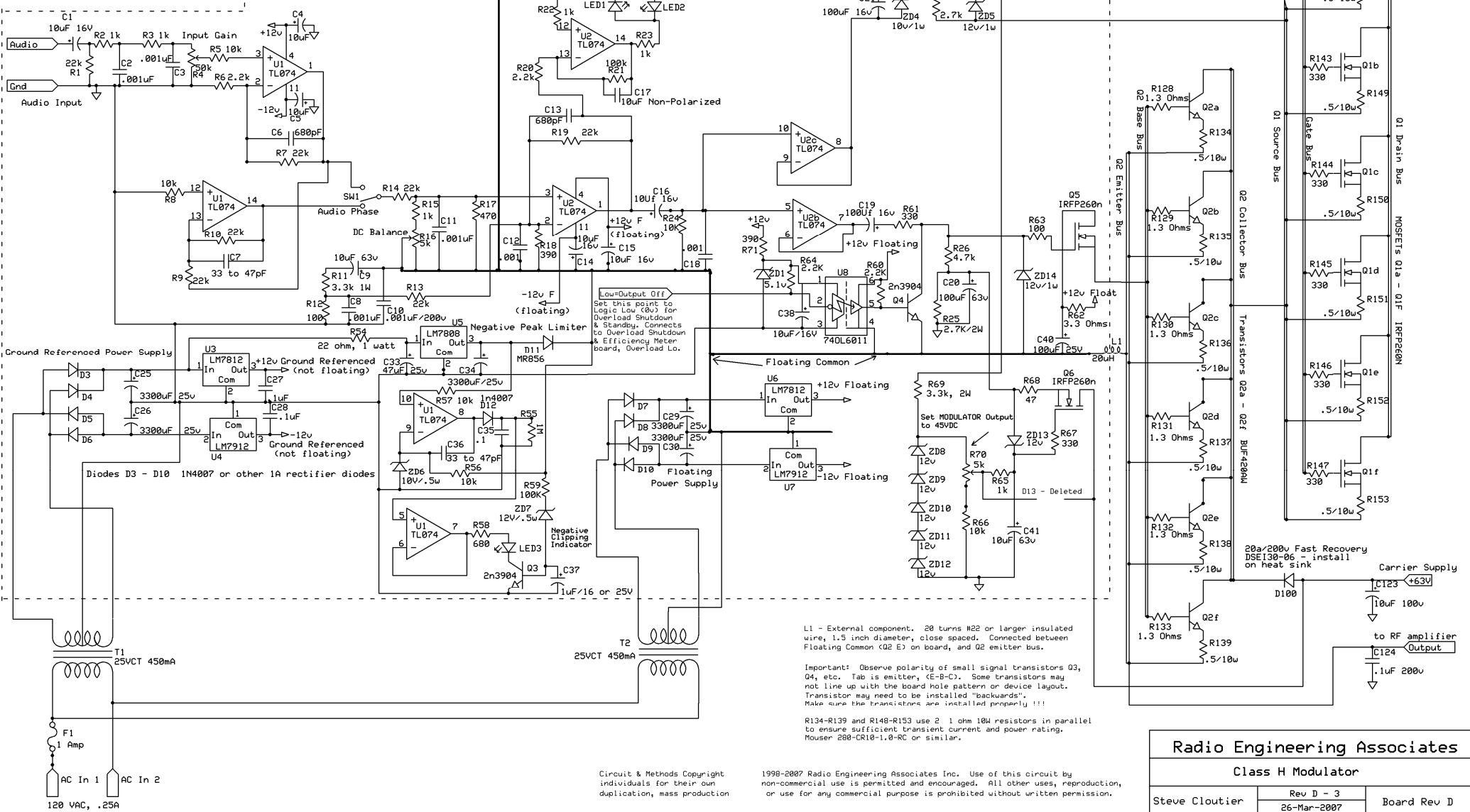


Printed Circuit Board

R27 12k
From audio source To audio input on board - "Audio"
C22 .0047uF

Use this external R-C network to obtain flat high frequency audio response to 6kHz before rolloff. Normal response is -4dB at 5kHz.



L1 - External component. 28 turns #22 or larger insulated wire, 1.5 inch diameter, close spaced. Connected between Floating Common (Q2 E) on board, and Q2 emitter bus.

Important! Observe polarity of small signal transistors Q3, Q4, etc. Tab is emitter, (E-B-C). Some transistors may not line up with the board hole pattern or device layout. Transistor may need to be installed "backwards". Make sure the transistors are installed properly !!!

R134-R139 and R148-R153 use 2 1 ohm 10W resistors in parallel to ensure sufficient transient current and power rating. Moser 288-CR10-1.0-RC or similar.

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Radio Engineering Associates

Class H Modulator

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|----------------|-------------|-------------|
| Steve Cloutier | Rev D - 3 | Board Rev D |
| | 26-Mar-2007 | |