



Notes:

1. C8 sets frequency response and may also be shorted.
2. Speaker should be 8 Ohms or higher.
3. If C8 is omitted, the maximum gain is 20. If it is shorted out, the max gain is 200.
4. R1, R2 & C3 are used for powering an Electret Microphone and should be omitted if you are not using one.
5. VR1 may be from 5K to 100K and may be located off the PCB.

NightFire Electronics		
LM386 Amplifier with Tone Control		REV C
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www.vakits.com		