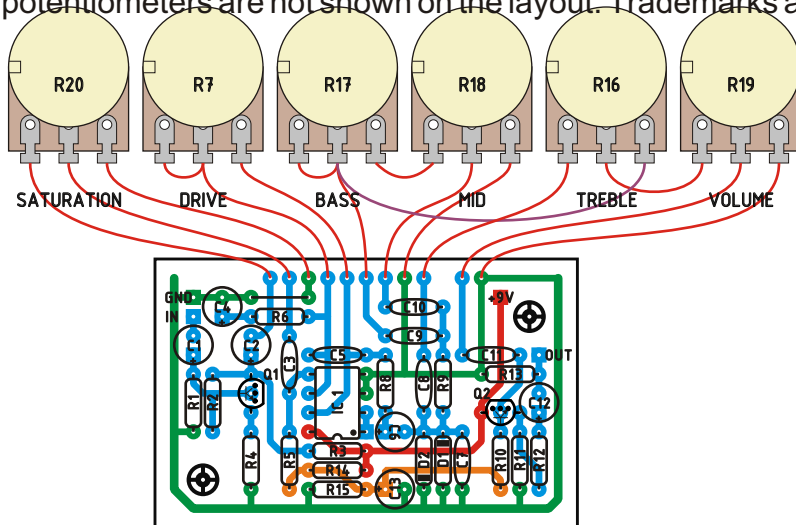


SOBER DRIVE PRO

Rev.3.Oct.19.2006

Build Jack Orman's **Overdrive PRO** on this layout. "At the request of the members of the Stompbox Forum, I have created this versatile high gain overdrive. It was made by combining the following circuit fragments: input gain stage is the Muffer, followed by the IC gain stage of the Fat Gnat, a tone control from the Fender Pro Roc amp and the output buffer of a TS-808! High gain boutique sound at its best, though not a clone of any existing pedal." **Jack Orman.** ©**Jack Orman.** Check <http://www.muzique.com/> for other great projects. Off board components except for the potentiometers are not shown on the layout. Trademarks are property of their owners.



LAYOUT

Parts List

Resistors

R1 - 100k
R2 - 470k
R3 - 10k
R4 - 150
R5 - 100k
R6 - 100ohm
R8 - 1k
R9 - 22k
R10 - 470k
R11 - 10k

Potentiometers

R7 - 100k lin pot
R16 - 50k lin pot
R17 - 50k lin pot
R18 - 2k lin pot
R19 - 1M log pot
R20 - 100k log pot

Capacitors

C1 - 1μF
C2 - 1μF
C3 - 0.022μF
C4 - 1μF
C5 - 100pF
C6 - 4.7μF
C7 - 0.0022μF
C8 - 270pF
C9 - 0.47μF
C10 - 0.22μF

Diodes

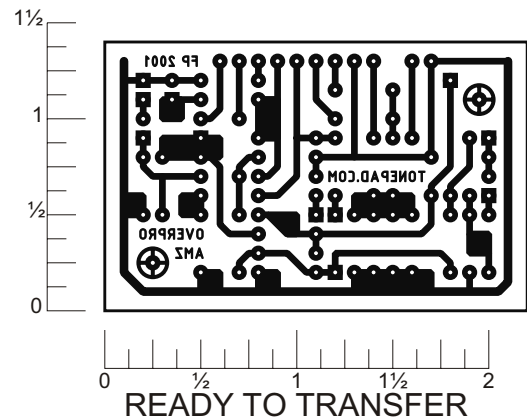
D1 - 1N914
D2 - 1N914

Transistors

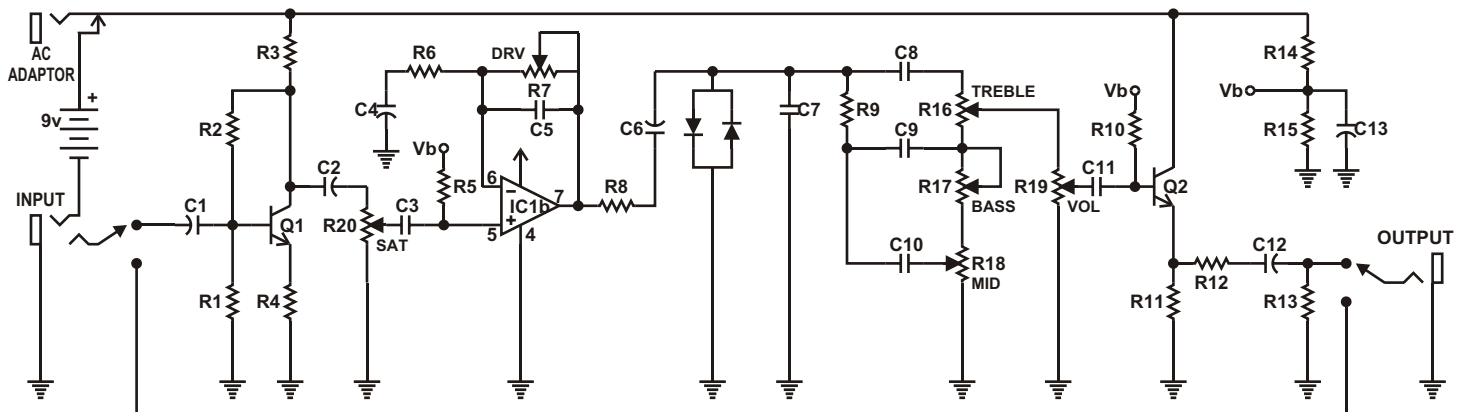
Q1 - 2N5088
Q2 - 2N5088

IC's

IC1 - TL072



Schematic



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