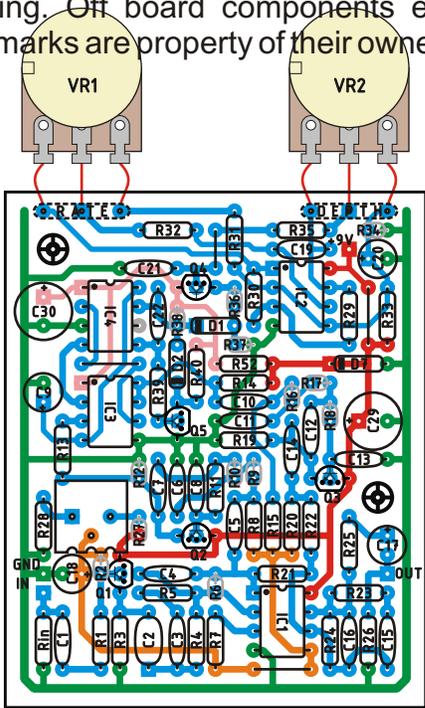


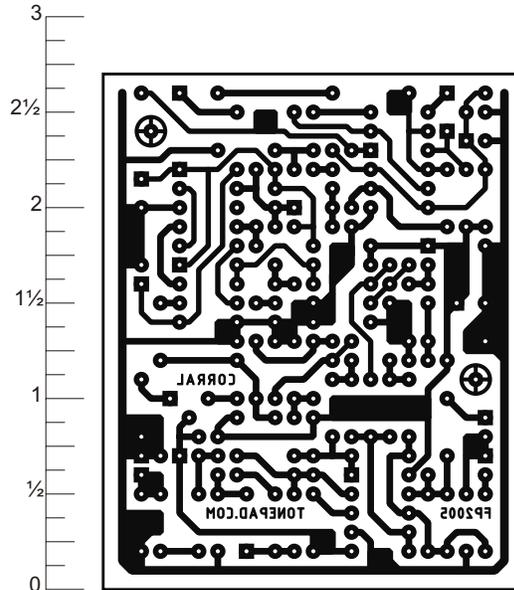
CORRRAL CHORUS

Rev.1.Oct.12.2005

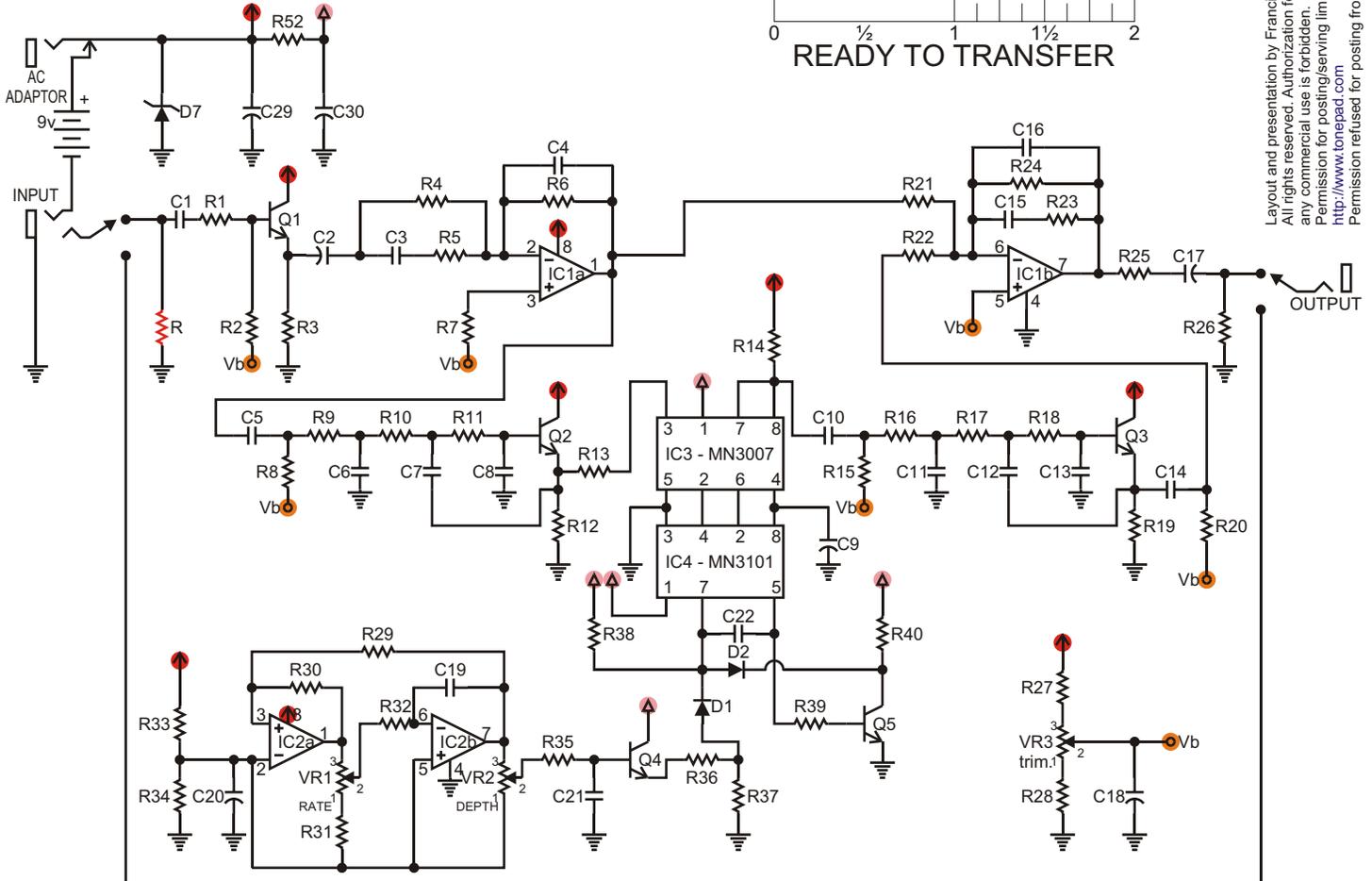
Build the Boss CE2 circuit on this layout. The FET switching has been removed to use true bypass switching. Off board components except for the potentiometers are not shown on the layout. Trademarks are property of their owners.



LAYOUT



READY TO TRANSFER



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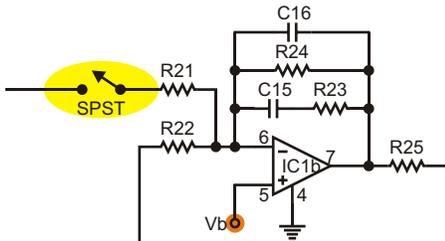
CORRRAL CHORUS

Rev.1.Oct.12.2005

Parts list and some mods, these mods will require soldering to flying component leads and components directly soldered to switches. Off board components except for the potentiometers are not shown on the layout. Trademarks are property of their owners.

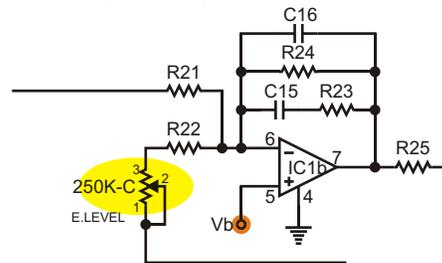
THE VIBRATO MOD

Lift one side of R21 and add a SPST switch like this:



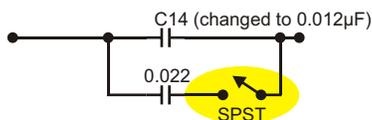
EFFECT LEVEL MOD

Effect level can be made adjustable by adding a 250k rev. Log. potentiometer in series with R22, this mod along with the Wet Bass mod are needed to convert to CE2B (for bass) specs.:



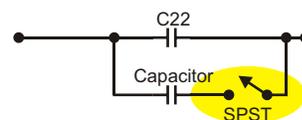
WET BASS SWITCHING MOD

This mod modifies bass response on the modulated signal. This mod along with the Effect Level Mod are needed to convert the pedal to CE2B (for bass) specs. It also can be used on its own. Change C14 to 0.012µF, then add another another capacitor as shown:



CHORUS INTENSITY CAP SWITCH MOD

This mod is for altering the value of the C22 in order to get a deeper chorus intensity. Use a SPST switch and a 47pF (or other value, experiment!) capacitor wired like this:



Resistors

R1 - 1K
R2 - 470K
R3 - 10K
R4 - 47K
R5 - 10K
R6 - 47K
R7 - 10K
R8 - 100K
R9 - 10K
R10 - 10K
R11 - 10K
R12 - 10K
R13 - 4.7K
R14 - 56K
R15 - 330K
R16 - 10K
R17 - 10k
R18 - 10K
R19 - 10K
R20 - 1Meg
R21 - 47K
R22 - 47K

R23 - 10k
R24 - 47k
R25 - 470 ohm
R26 - 100k
R27 - 4.7k
R28 - 4.7k
R29 - 33k
R30 - 47k

Transistors

Q1 - 2N5088
Q2 - 2N5088
Q3 - 2N5088
Q4 - 2N5088
Q5 - 2N5088

Potentiometers

VR1 - 100k Lin.
VR2 - 100k Lin.

Parts List

R31 - 10k
R32 - 1Meg
R33 - 10k
R34 - 10k
R35 - 220K
R36 - 4.7K
R37 - 4.7K
R38 - 150K
R39 - 33K
R40 - 2.7K
R52 - 33 ohm

ICs

IC1 - 4558
IC2 - TL022
IC3 - MN3007
IC4 - MN3101

Trim Pots

VR3 - 10k

Capacitors

C1 - 0.047µF
C2 - 0.47µF
C3 - 0.0068µF
C4 - 100pF
C5 - 0.033µF
C6 - 0.0033µF
C7 - 0.0082µF
C8 - 470pF
C9 - 1µF
C10 - 0.033µF
C11 - 0.0033µF
C12 - 0.0082µF
C13 - 470pF
C14 - 0.033µF
C15 - 0.0068µF
C16 - 100pF

C17 - 1µF
C18 - 47µF
C19 - 0.1µF
C20 - 47µF
C21 - 0.01µF
C22 - 47pF
C29 - 100µF
C30 - 220µF

Diodes

D1 - 1N914
D2 - 1N914
D7 - RD11EB