

SSM2044 VCF

(ready for press'n'peel blue)

elec
C3, C4, C10 10uf

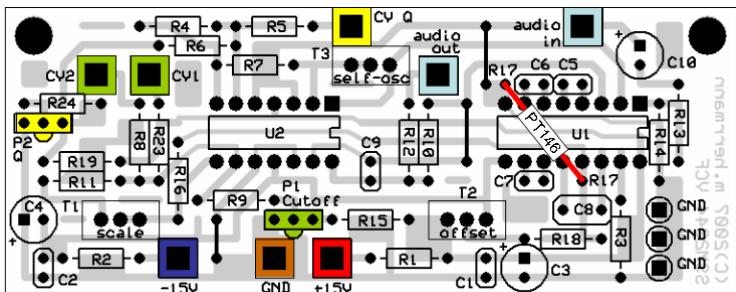
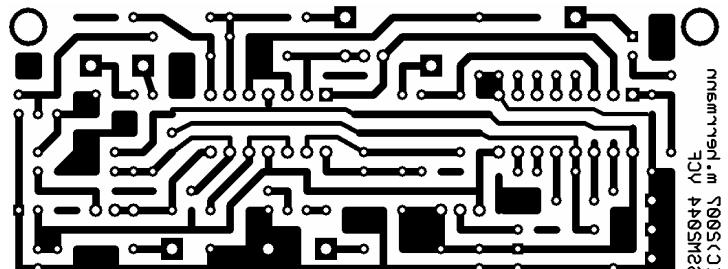
ceramic
C9 15pF
C5 820pF
C6, C7, C8 10n
C1, C2 100n

resistors
R1, R2 22R
R3, R14 220R
R12 1k
R17 (tempco) 1k PT146
R13, R24 4.7k
R4, R5, R6, R7,
R10, R15, R19 47k
R8, R9, R23 100k
R16 150k
R18 200k
R11 270k

precision trimmers
T1 (scale) 50k
T2 (init) 50k
T3 (Q) 20k

potentiometers
P1 (cutoff) 50k
P2 (Q) 50k

semi's
U1 SSM2044
U2 TL074

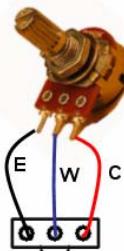


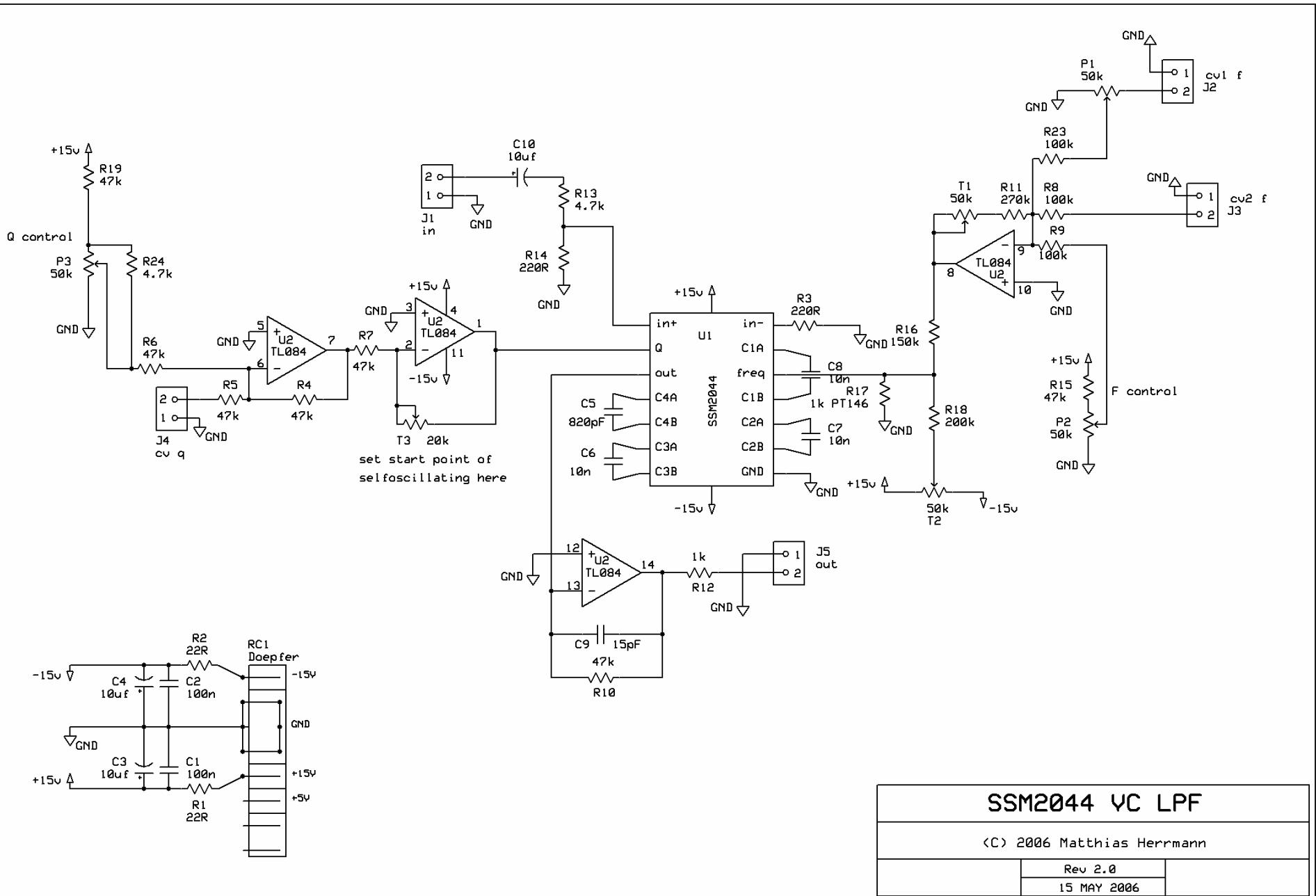
component diagram

P2 on component diagram equals to P3 on schematic.
P1 on components diagram equals to P2 on schematic.

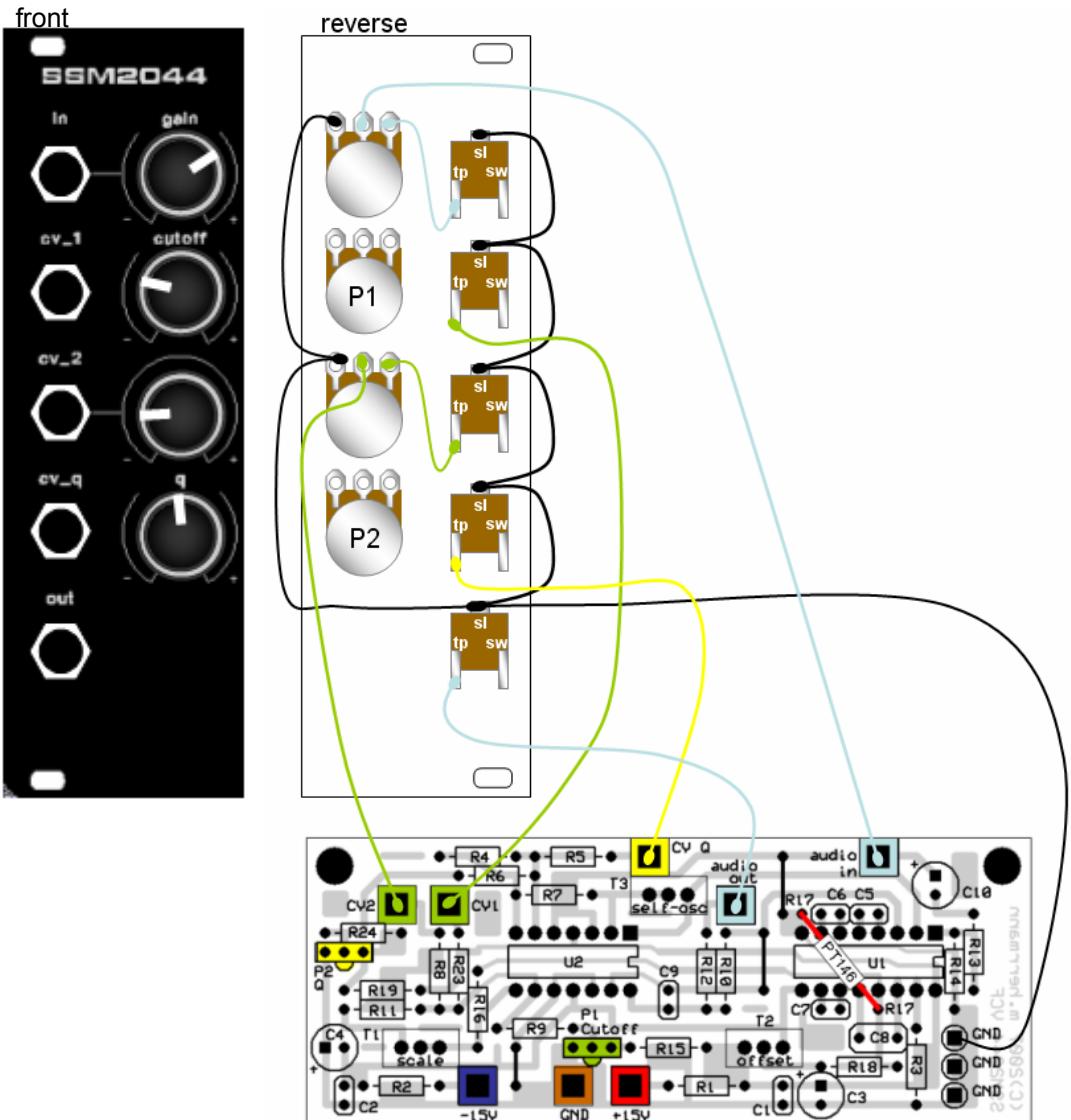
(P1 on schematic is left off PCB for it's nothing but an attenuator for CVin)

How to connect
the pots:





frontpanel and wiring suggestion



How to connect
the pots P1 and P2:

