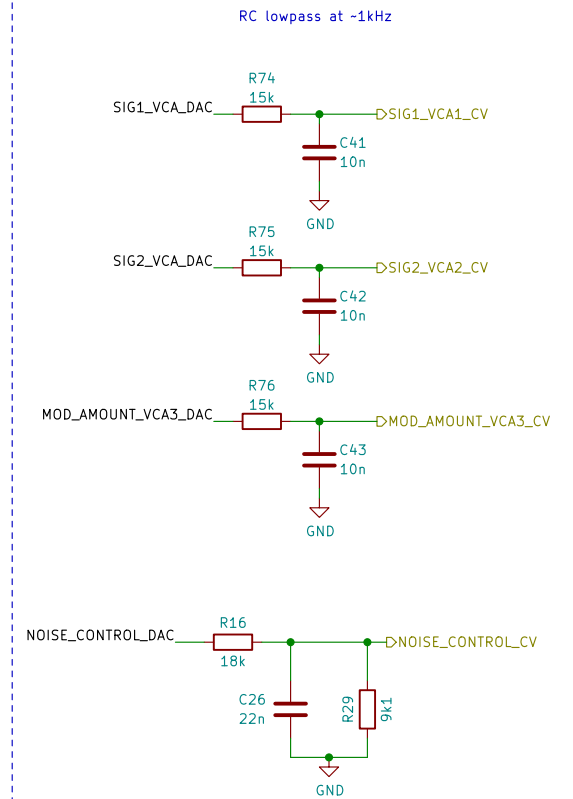
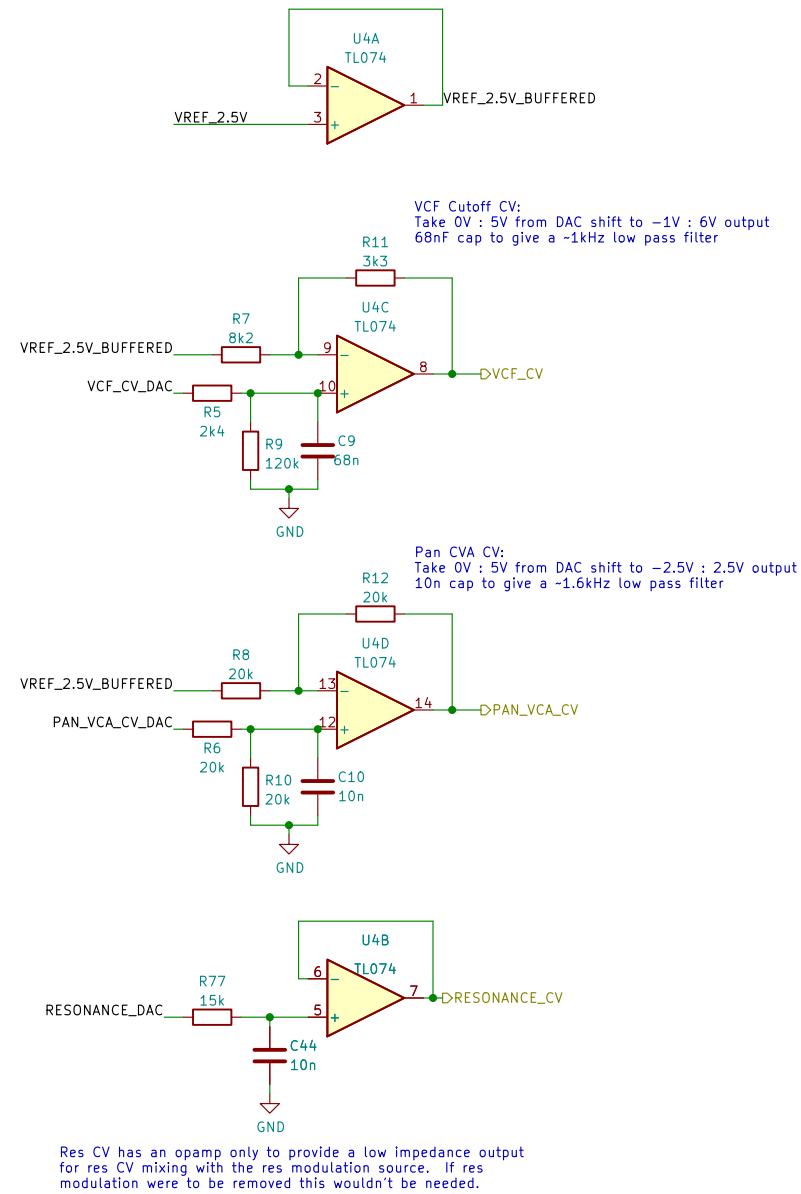
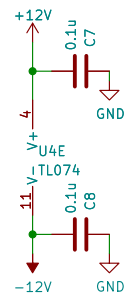


LM4040 resistor rough calc:
 I_{lm4040} min: 70uA
 V_{ref} input impedance: 10M (buffered)

Control Voltage levels:
Sig1 VCA CV: 0-5V
Sig2 VCA CV: 0-5V
VCA Mod Level CV: 0-5V
Res CV: 0-5V
VCF CV: -1 - +6V
Pan VCA CV: -2.5 - +2.5V

The latter two use opamps to scale; everything else can be straight from DAC. These are slightly outside datasheet specs of 0:5 and -2:+2 to allow for some offset from modulation.



Noise Control should be biased to $\sim 0.5V$; goes up to $1.67V$. RC filter for a lowpass cutoff at ~ 1200 Hz

