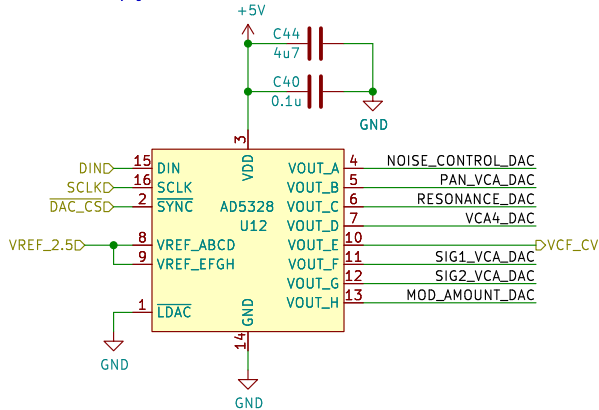


AD5328: "B" version works fine. For use at 2X gain output.  
DAC: 2.5V Reference Voltage  
B, C, D grades of LM4040 are likely good 'nuff

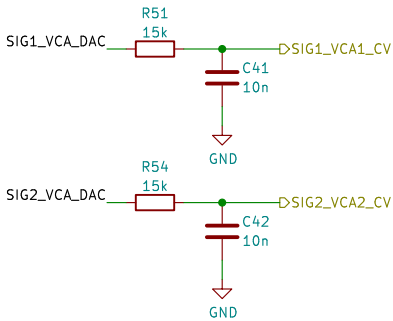


Control Voltage level outputs from sheet:  
VCF CV: 0 : 5V  
Pan VCA CV: 0 : 5V  
Noise Control Level CV: 0 : 1.9V  
Res CV: 0 : -3.5V (note negative)  
Sig1 VCA CV: 0 : 5V  
Sig2 VCA CV: 0 : 5V  
VCA4: 0 : -5V (note negative)  
VCA Mod Level CV: 0 : 1.9V

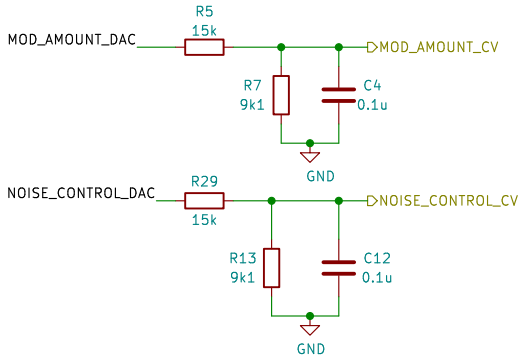
This sheet lowpass filters for nearly all signals.  
VCF CF done outside of this sheet, sorry.

Sheet totals:  
Vref impedance: 22k || 22k || 20k ==> 7k1

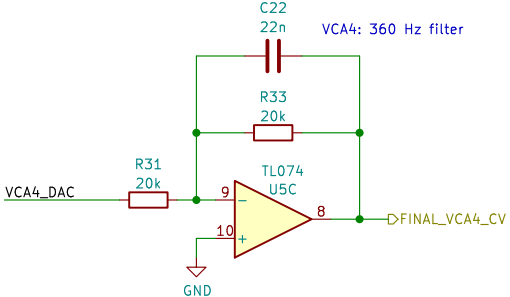
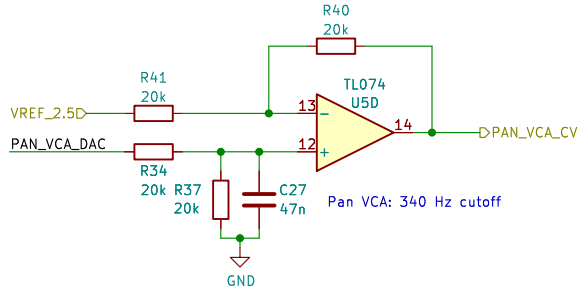
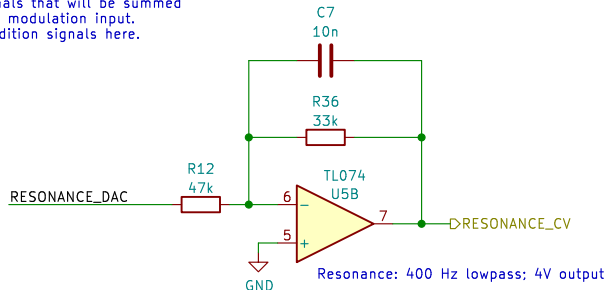
AS3372 Input VCAs:  
RC lowpass at ~1kHz



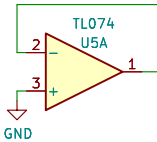
DAC lines for 3360 VCA:  
Voltage divider to 1.9V for linear 3360 input.  
Cap for lowpass filter of ~285 Hz



Signals that will be summed  
with modulation input.  
Condition signals here.



Spares



Zoxnoxious Engineering

Sheet: /DAC/

File: dac.kicad\_sch

Title: Z3372 Signal Processor

Size: B

Date: 2024-09-19

Rev: 0.4

KiCad E.D.A. kicad 7.0.11

Id: 2/3

