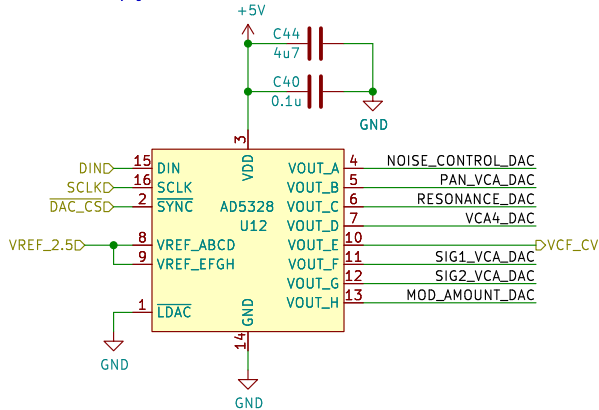


AD5328: "B" version works fine. For use at 2X gain output.
DAC: 2.5V Reference Voltage
B, C, D grades of LM4040 are likely good 'nuff

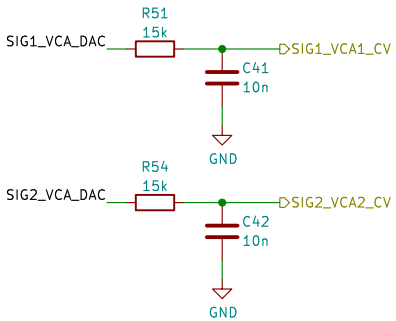


Control Voltage level outputs from sheet:
VCF CV: 0 : 5V
Pan VCA CV: 0 : 5V
Noise Control Level CV: 0 : 1.9V
Res CV: 0 : -3.5V (note negative)
Sig1 VCA CV: 0 : 5V
Sig2 VCA CV: 0 : 5V
VCA4: 0 : -5V (note negative)
VCA Mod Level CV: 0 : 1.9V

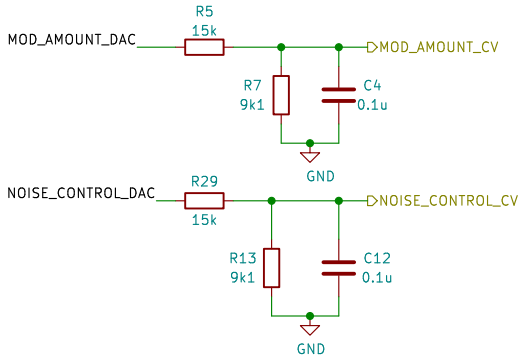
This sheet lowpass filters for nearly all signals.
VCF CF done outside of this sheet, sorry.

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

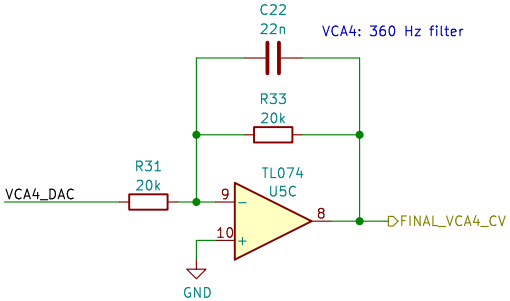
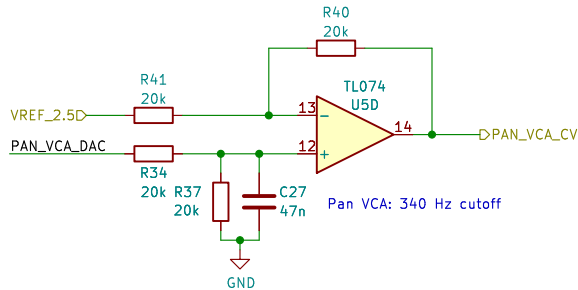
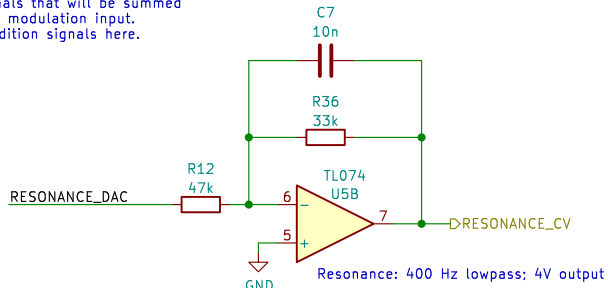
AS3372 Input VCAs:
RC lowpass at ~1kHz



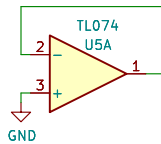
DAC lines for 3360 VCA:
Voltage divider to 1.9V for linear 3360 input.
Cap for lowpass filter of ~285 Hz



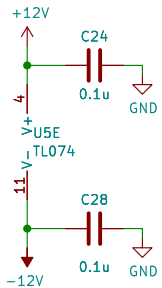
Signals that will be summed
with modulation input.
Condition signals here.



Spares



Power / Decoupling



Zoxnoxious Engineering

Sheet: /DAC/

File: dac.kicad_sch

Title: Z3372 Signal Processor

Size: B

Date: 2025-02-03

Rev: 0.5

KiCad E.D.A. kicad 7.0.11

Id: 2/3

