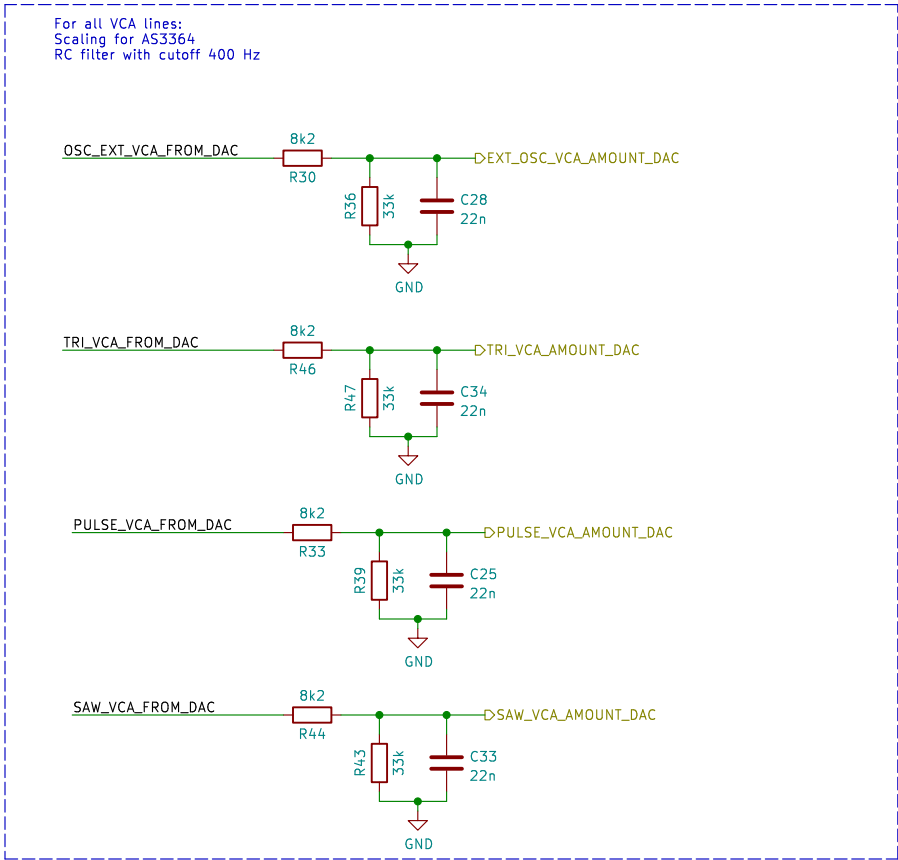
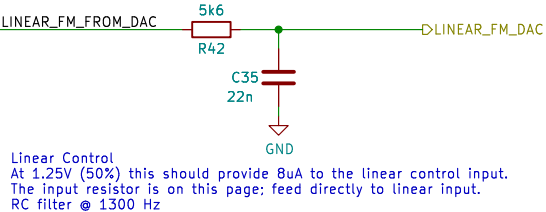
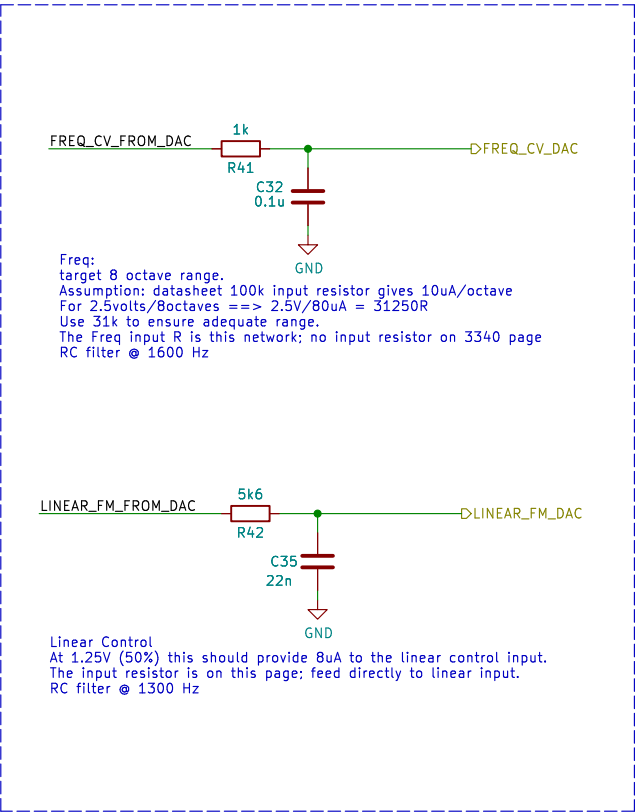
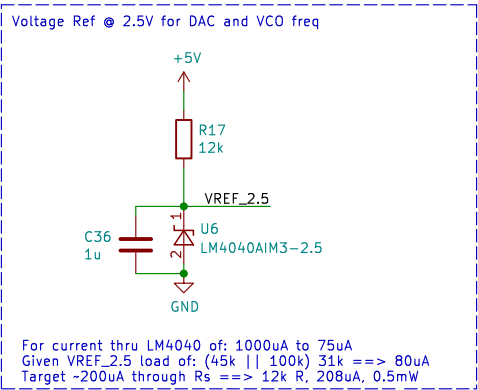
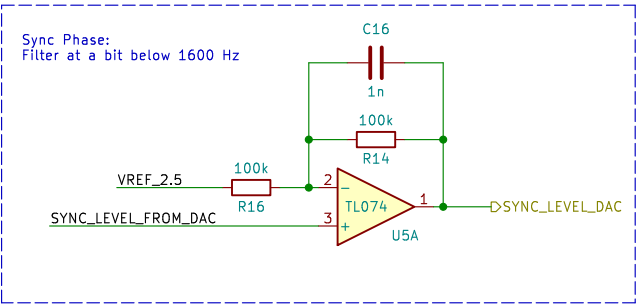
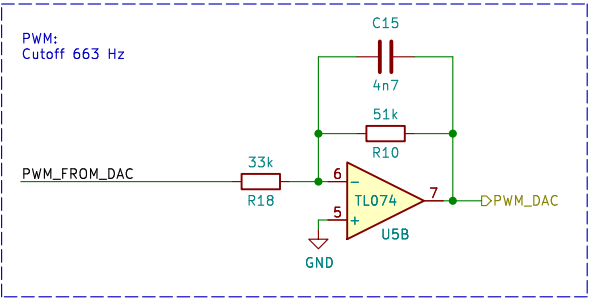
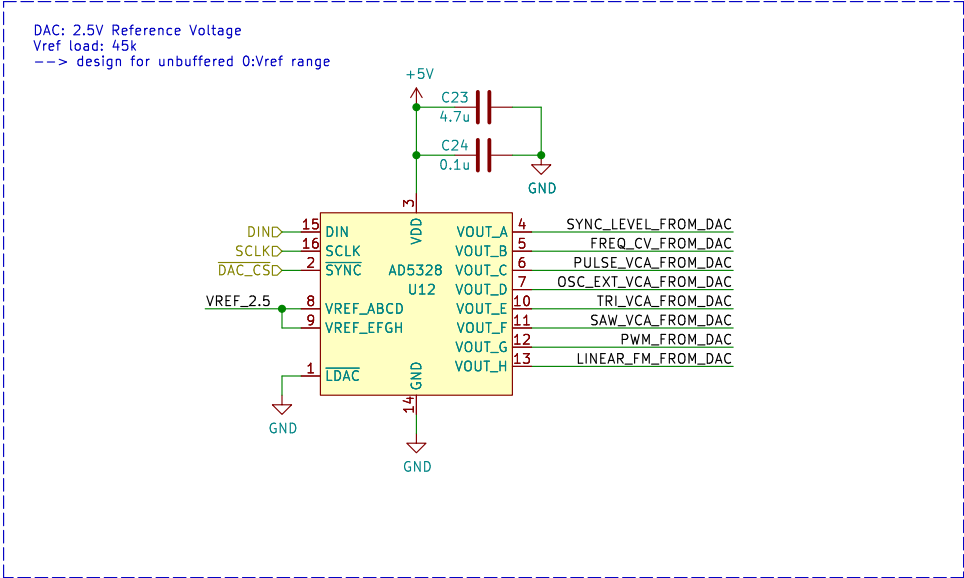


Zoxnoxious Engineering  
Sheet: /  
File: z3340.kicad\_sch  
**Title: Zoxnoxious 3340 Oscillator**  
Size: B Date: 2024-07-15 Rev: 0.8  
KiCad E.D.A. kicad 7.0.11 Id: 1/4



DAC Output Levels:

FREQ\_CV\_DAC: 0 : 2.5V  
LINEAR\_FM\_DAC: 0 : 2.5V  
EXT\_OSC\_VCA\_AMOUNT: 0 : 2V  
PULSE\_VCA\_AMOUNT\_DAC: 0 : 2V  
SAW\_VCA\_AMOUNT\_DAC: 0 : 2V  
TRI\_VCA\_AMOUNT\_DAC: 0 : 2V  
PWM\_DAC: 0 : -3.86V  
SYNC\_LEVEL\_DAC: -2.5V : 2.5V

Simple RC filtering for reconstruction. VCA related lines  
set to a lower level to prevent clicks in audio path.  
Designed for a sampling rate around 4 kHz.

Sheet Vref Load: 45k || 100k ==> 31k

Zoxxnoxiou Engineering

Sheet: /DAC/  
File: dac.kicad\_sch

Title: Zoxxnoxiou 3340 Oscillator

Size: B

Date: 2024-07-15

Rev: 0.8

KiCad E.D.A. kicad 7.0.11

Id: 2/4

