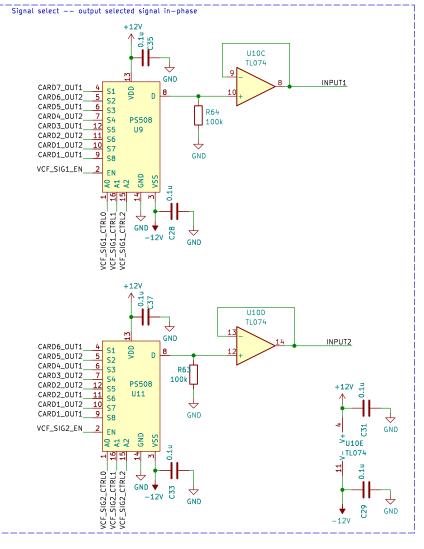
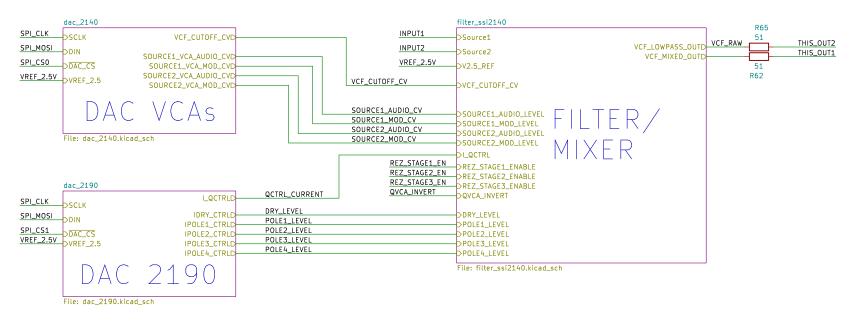
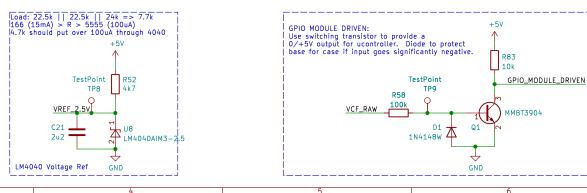


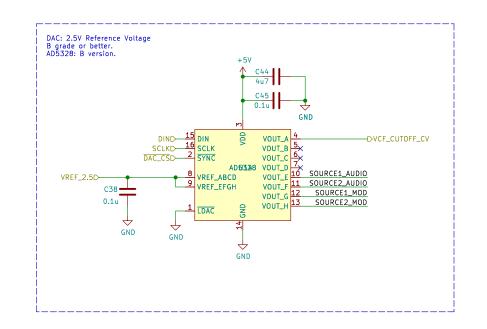
Mounting Holes

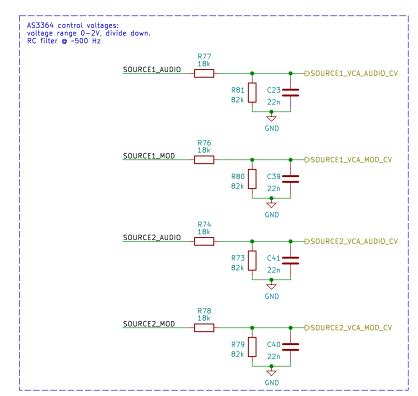
H4 H3 MountingHol









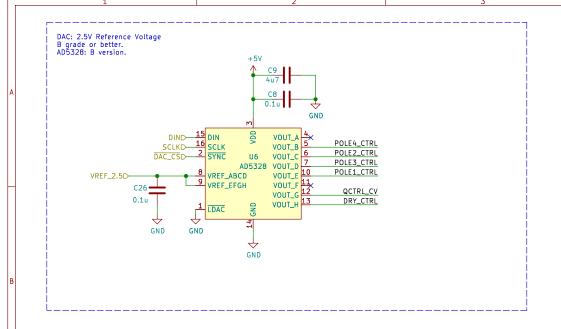


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Zoxnoxious Engineering
Sheet: /dac\_2140/
File: dac\_2140.kicad\_sch

Title: Zoxnoxious Pole Dancer Mixing Filter

Size: B Date: 2024-11-17 KiCad E.D.A. kicad 7.0.11 **Rev: 0.1** Id: 2/4



QCTRL input is current, abs max of 500uA with 222uA for oscillation using standard resonance setup. Target around 320uA with an RC filter @ 800 Hz

SSI2190 Control: Max control current 100uA. Run DAC @ 2.5V (1X scale). RC filter @ ~560 Hz POLE1\_CTRL DIPOLE1\_CTRL POLE2\_CTRL DIPOLE2\_CTRL R55 15k ——DIPOLE3\_CTRL POLE3\_CTRL POLE4\_CTRL 47n

Sheet Vref load: 45k || 45k ==> 22.5k

Zoxnoxious Engineering
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Title: Zoxnoxious Pole Dancer Mixing Filter

Size: B Date: 2024-11-17 KiCad E.D.A. kicad 7.0.11 **Rev: 0.1** Id: 3/4

