

Design: Eric Sanman, Sierra Buckley, Chuong Vo, Chris Crider

Open Source Hardware

Portland State University

Sheet: /Tremolo Effect/

File: Tremolo.kicad_sch

Title: Tremolo Effect

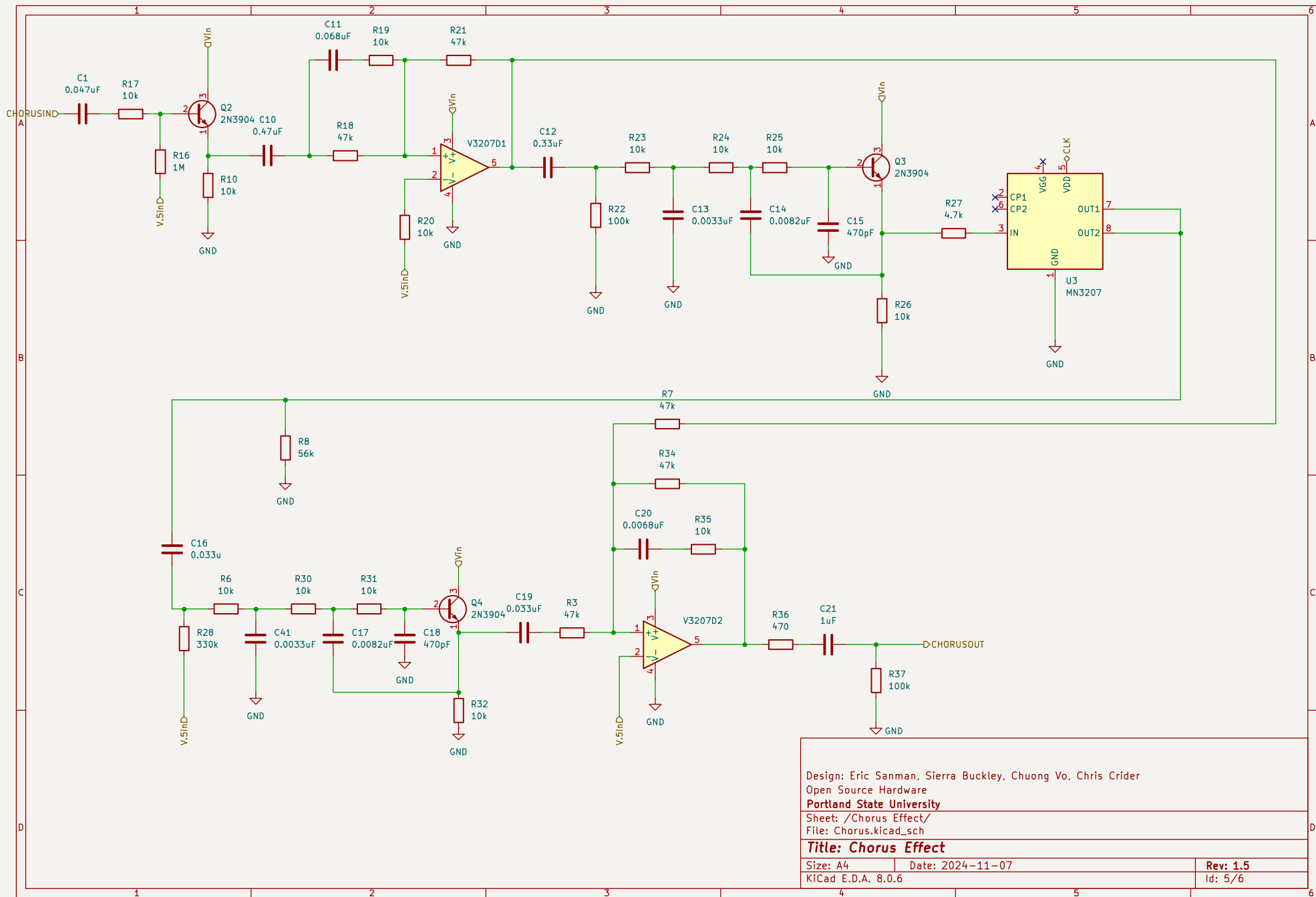
Size: A4

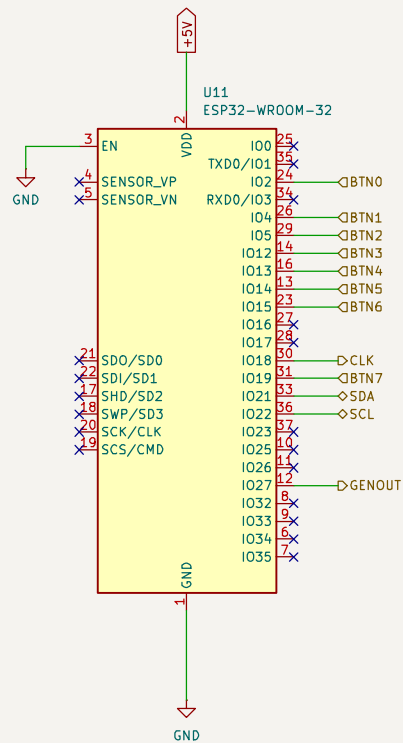
Date: 2024-11-07

Rev: 1.5

KiCad E.D.A. 8.0.6

Id: 4/6





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Sheet: /ESP32-S3-WROOM/

File: ESP32 & OLED.kicad_sch

Title: ESP32 Microcontroller Module

Size: A4
KiCad E.D.A. 8.0.6

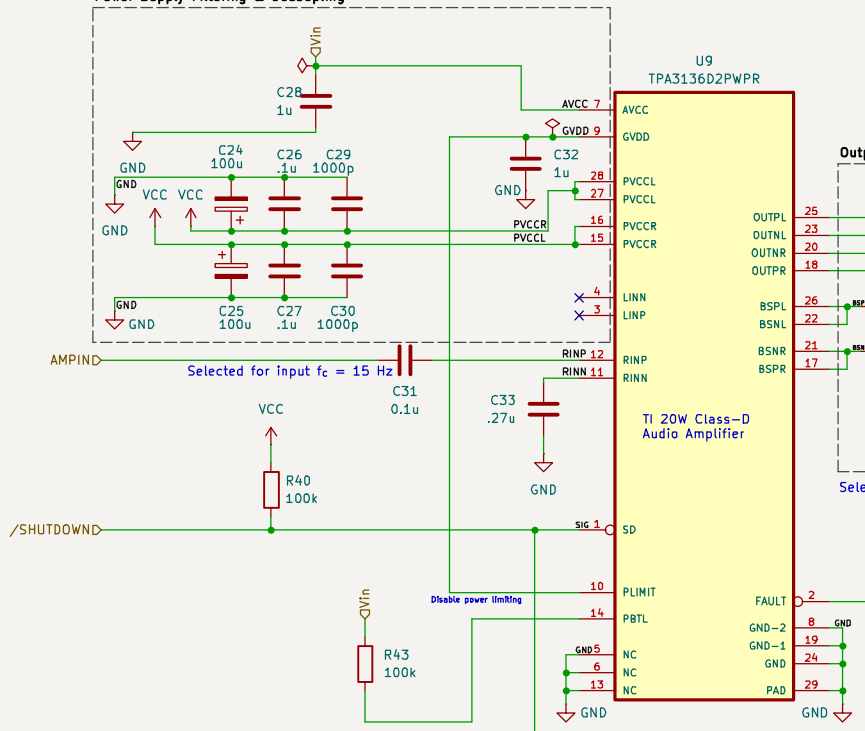
Date: 2024-11-07

Rev: 1.5
Id: 6/6

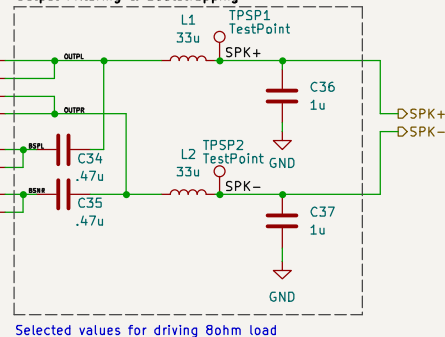
TestPoint
GND1

GND

Power Supply Filtering & Decoupling



Output Filtering & Bootstrapping



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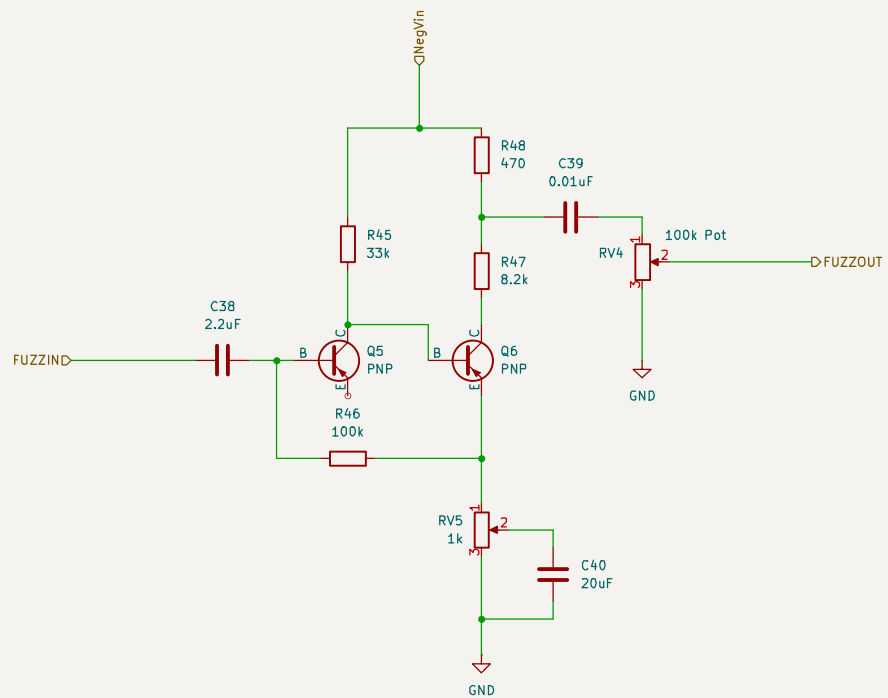
Sheet: /Class-D Amplification/
File: Amp.kicad_sch

Title: 20W Mono Class-D Audio Amplifier

Size: A4 Date: 2024-11-07
KiCad E.D.A. 8.0.6

Rev: 2.5
Id: 7/6





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Sheet: /Fuzz Schematic/

File: Fuzz.kicad_sch

Title: Fuzz & Distortion Effect

Size: A4

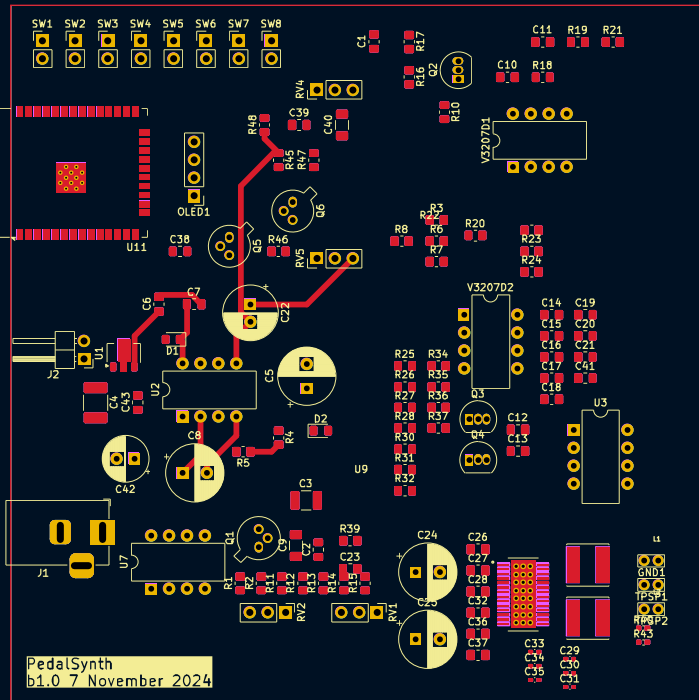
Date: 2024-11-07

Rev: 1.5

KiCad E.D.A. 8.0.6

Id: 8/6

KEEP-OUT ZONE



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Sheet:
File: ECE 411 Project.kicad_pcb

Title: PedalSynth

Size: A4
KiCad E.D.A. 8.0.6

Date: 2024-11-07

Rev: b1.0
Id: 1/1