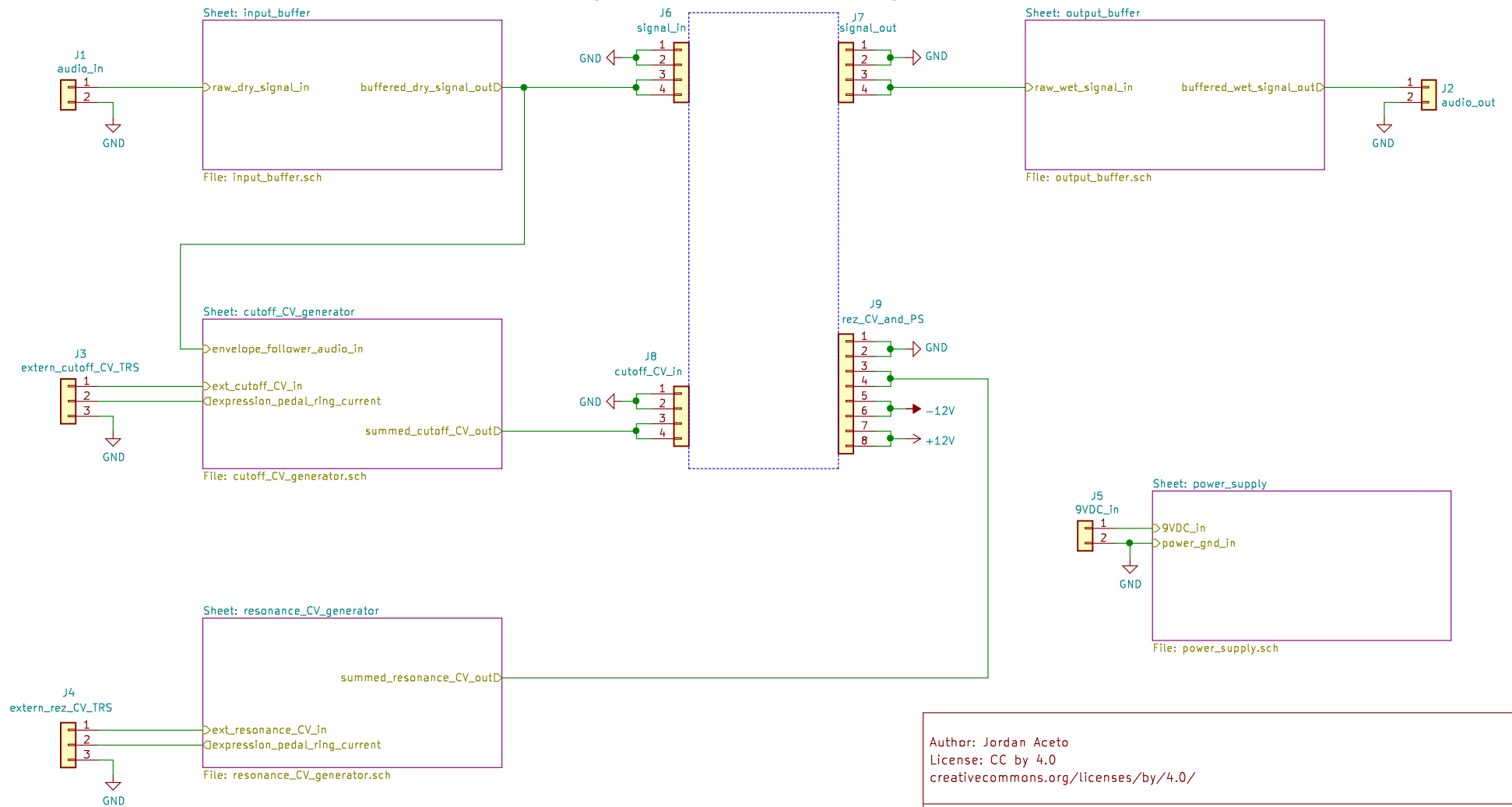


VCF Plug-In Board Port

For various compatible VCF boards visit:
github.com/JordanAceto/VCF_plugin_boards



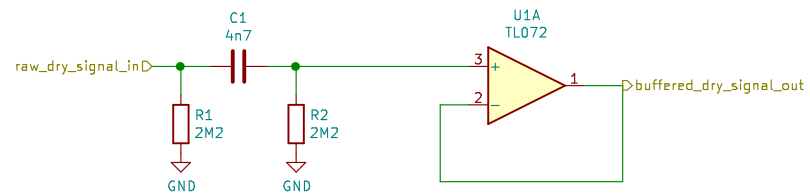
Author: Jordan Aceto
License: CC by 4.0
creativecommons.org/licenses/by/4.0/

Sheet: /
File: whooshy_sound.sch

Title: Whooshy Sound Filter Pedal

Size: A4
KiCad E.D.A. kicad 5.1.10-88a1d61d5890ubuntu20.04.1

Date: 2021-08-05
Rev: 0.1
Id: 1/8



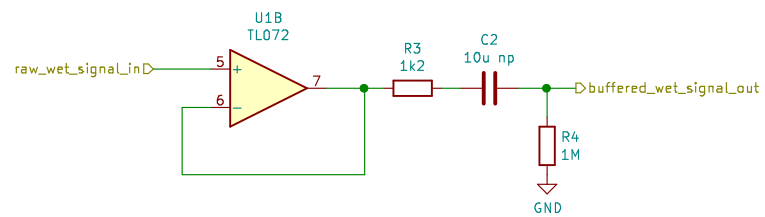
Author: Jordan Aceto
 License: CC by 4.0
creativecommons.org/licenses/by/4.0/

Sheet: /input_buffer/
 File: input_buffer.sch

Title: Whooshy Sound Filter Pedal

Size: A4
 KiCad E.D.A. kicad 5.1.10-88a1d61d5890ubuntu20.04.1

Date: 2021-08-05
 Rev: 0.1
 Id: 2/8



Author: Jordan Aceto
License: CC by 4.0
creativecommons.org/licenses/by/4.0/

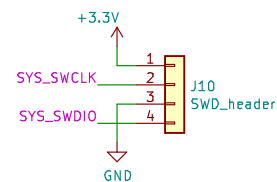
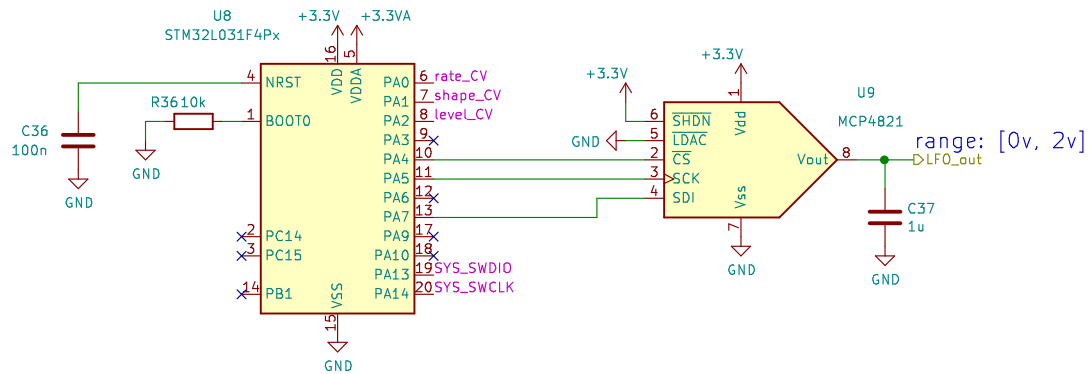
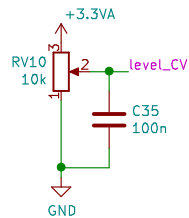
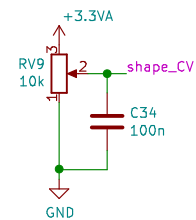
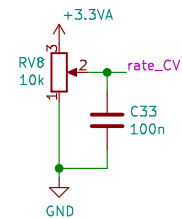
Sheet: /output_buffer/
File: output_buffer.sch

Title: Whooshy Sound Filter Pedal

Size: A4
KiCad E.D.A. kicad 5.1.10-88a1d61d5890ubuntu20.04.1

Date: 2021-08-05
Rev: 0.1
Id: 3/8





Author: Jordan Aceto
License: CC by 4.0
creativecommons.org/licenses/by/4.0/

Sheet: /cutoff_CV_generator/LFO/
File: LFO.sch

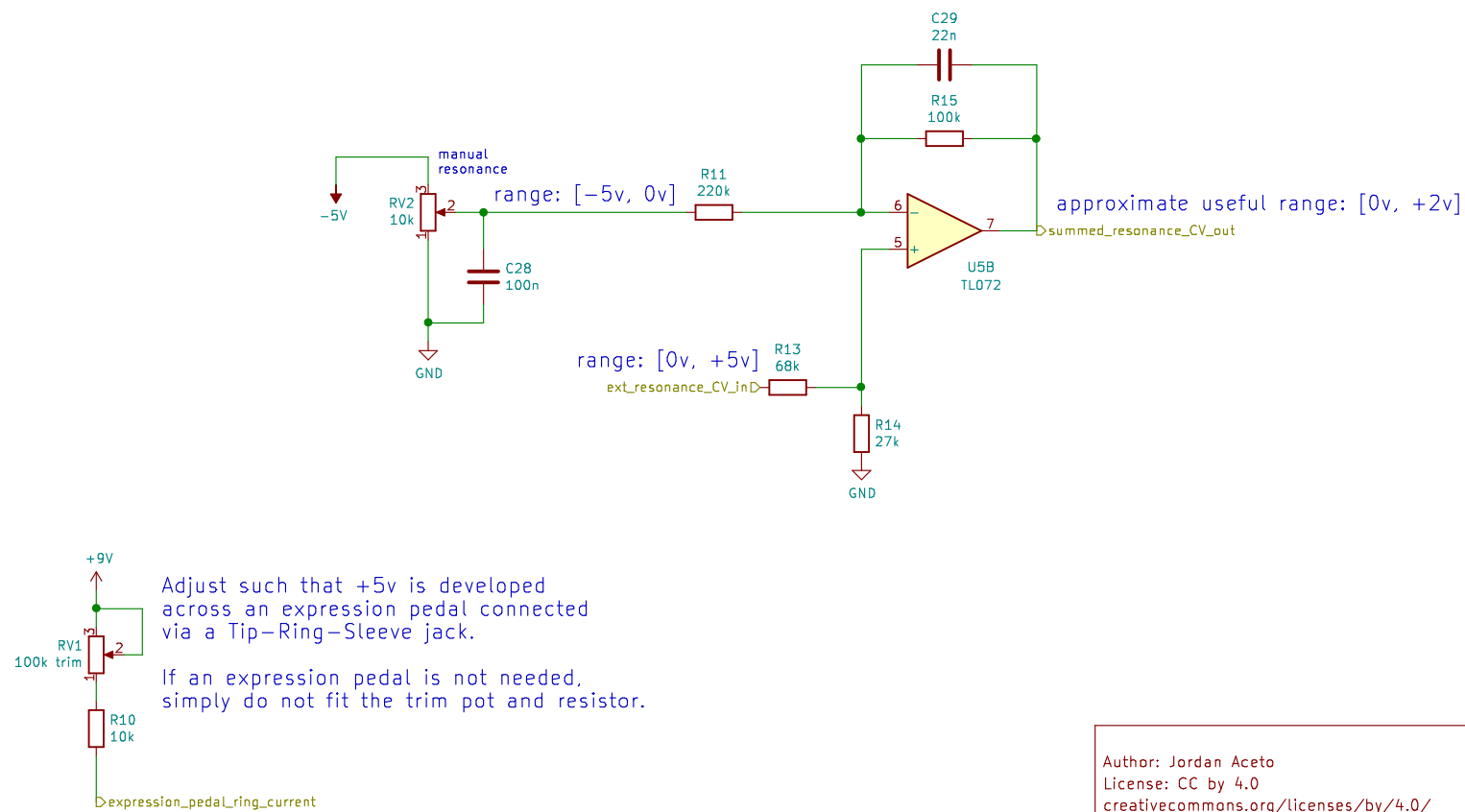
Title: Whooshy Sound Filter Pedal

Size: A4
KiCad E.D.A. kicad 5.1.10-88a1d61d5890ubuntu20.04.1

Date: 2021-08-05

Rev: 0.1

Id: 5/8



Author: Jordan Aceto
 License: CC by 4.0
creativecommons.org/licenses/by/4.0/

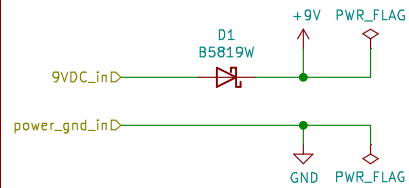
Sheet: /resonance_CV_generator/
 File: resonance_CV_generator.sch

Title: Whooshy Sound Filter Pedal

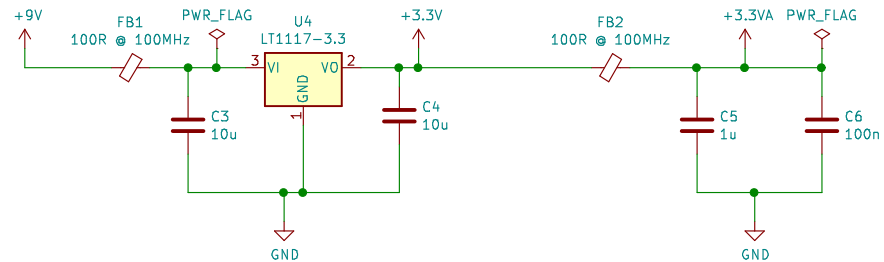
Size: A4 Date: 2021-08-05
 KiCad E.D.A. kicad 5.1.10-88a1d61d5890ubuntu20.04.1

Rev: 0.1
 Id: 7/8

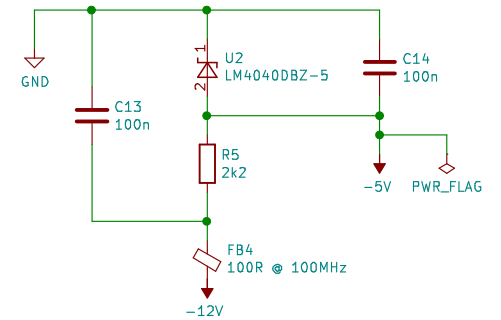
9 volt power entry



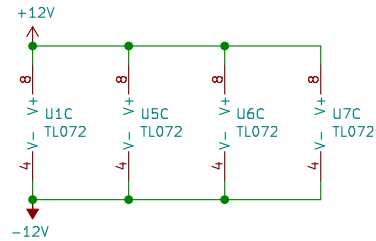
3.3 volt regulator



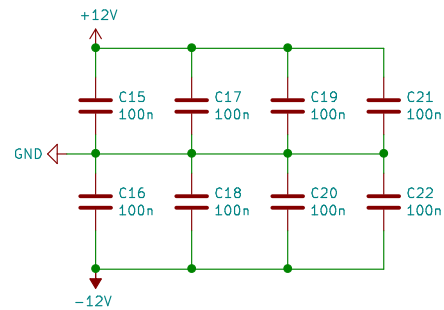
-5 volt reference



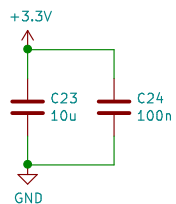
Opamp power pins



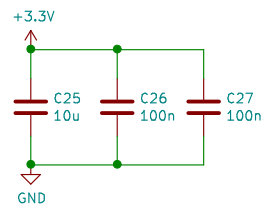
Opamp decoupling



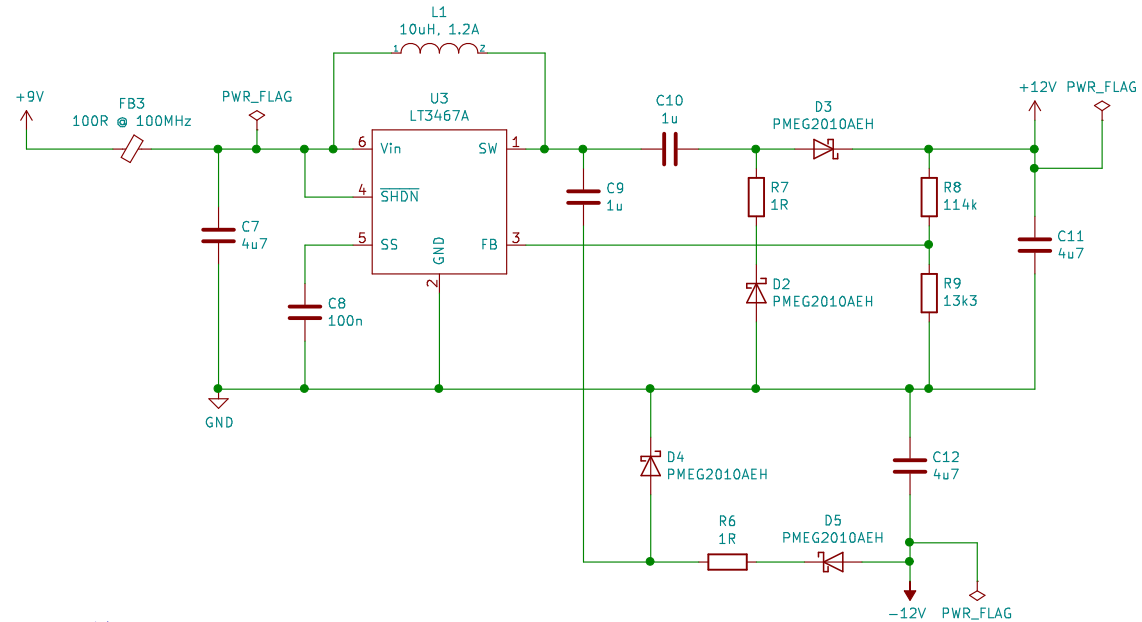
DAC decoupling



STM32 decoupling



+/-12 volt DC-DC converter



Author: Jordan Aceto
License: CC by 4.0
creativecommons.org/licenses/by/4.0/

Sheet: /power_supply/
File: power_supply.sch

Title: Whooshy Sound Filter Pedal

Size: A4 Date: 2021-08-05
KiCad E.D.A. kicad 5.1.10-88a1d61d5890ubuntu20.04.1

Rev: 0.1
Id: 8/8