Inputs

Sheet: Inputs

File: sheets/inputs.sch

Sheet: CoarseSwitch + PWM CV

File: sheets/coarse-switch.sch

Waveshapers

Sheet: Saw

File: sheets/saw.sch

Sheet: Square

File: sheets/square.sch

Sheet: Sub + Triangle

File: sheets/sub+triangle.sch

Outputs

Sheet: Outputs

File: sheets/outputs-A.sch

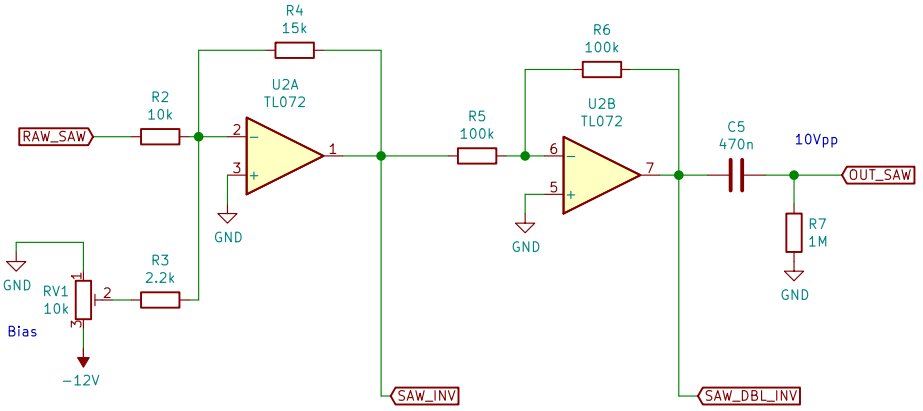
WIP

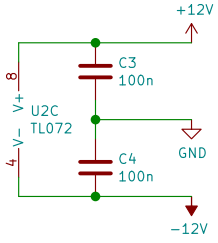
Shmøergh

Sheet: /
File: waveshaper-A.sch

Title: Shmøergh Bass – VCO IO + Waveshaper

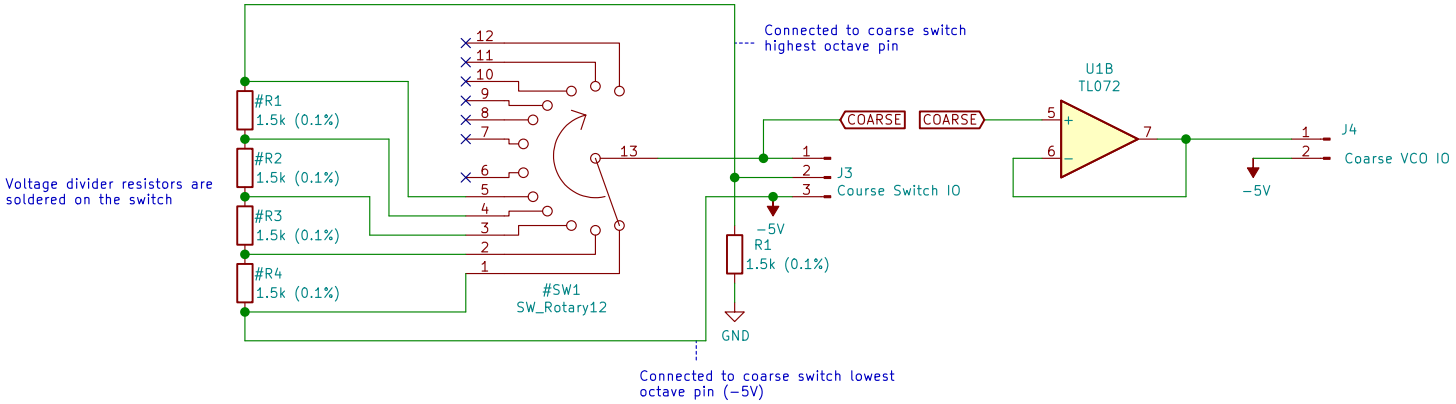
Size: A4	Date: 2021-10-11	**Rev:**
KiCad E.D.A. eeschema (5.1.7-0-10_14)		Id: 1/7



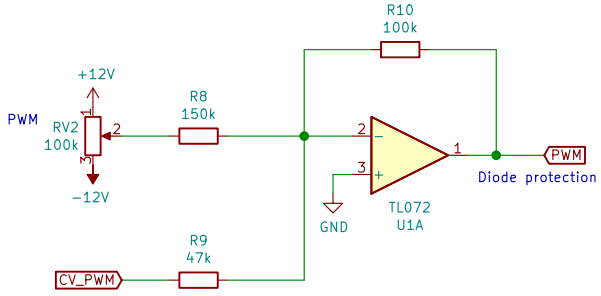


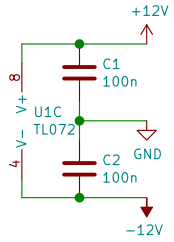
Sheet: /Saw/ File: saw.sch		
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. eeschema (5.1.7−0−10_14)		Id: 2/7

The coarse switch is not part of the PCB. It's included in the schematics to show how it should be connected. (Note the # in front of the component names - those are all excluded from the PCB.)



The other half of the op−amp is used as a CV mixer for PWM

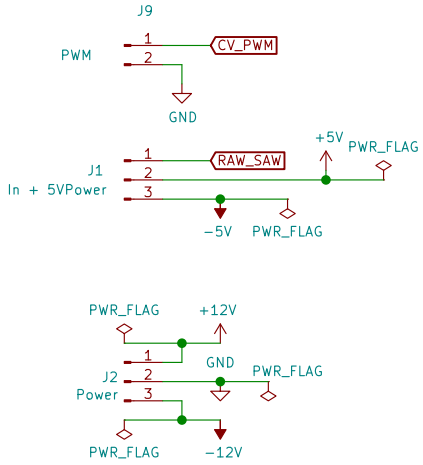




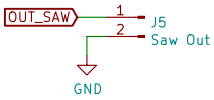
Sheet: /CoarseSwitch + PWM CV/
File: coarse−switch.sch

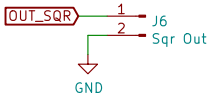
Title:

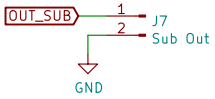
Size: A4	Date:	**Rev:**
KiCad E.D.A. eeschema (5.1.7−0−10_14)		Id: 3/7

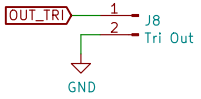


Sheet: /Inputs/ File: inputs.sch		
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. eeschema (5.1.7−0−10_14)		Id: 4/7





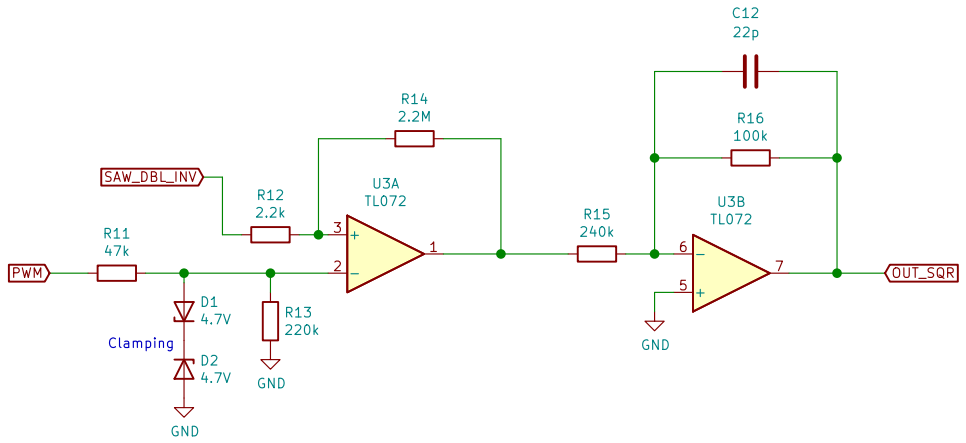


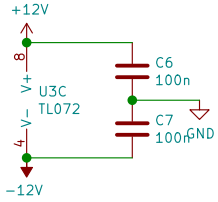


Sheet: /Outputs/
File: outputs-A.sch

Title:

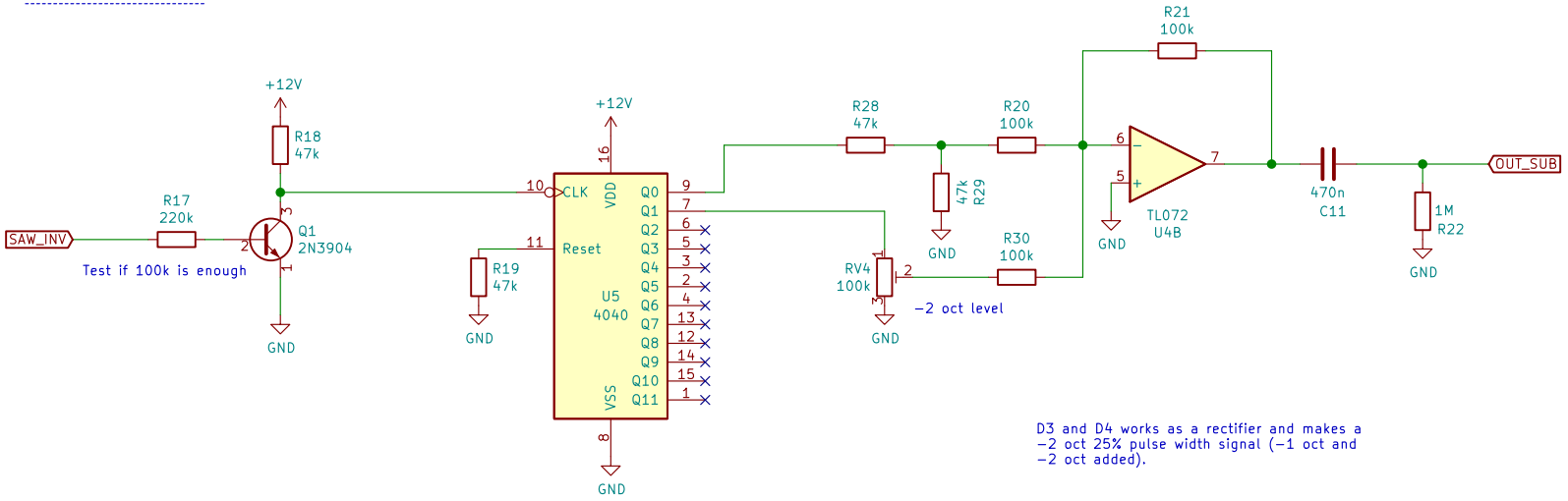
Size: A4	Date:	**Rev:**
KiCad E.D.A. eeschema (5.1.7-0-10_14)		Id: 5/7





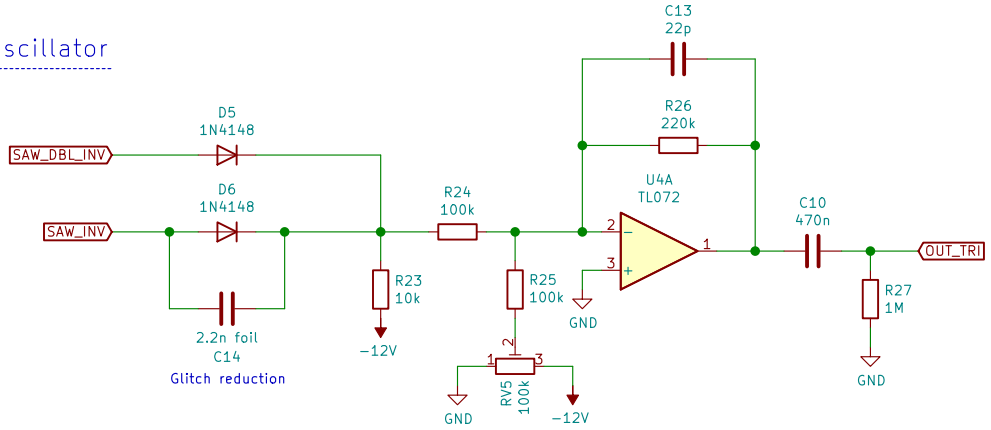
Sheet: /Square/ File: square.sch		
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. eeschema (5.1.7−0−10_14)		Id: 6/7

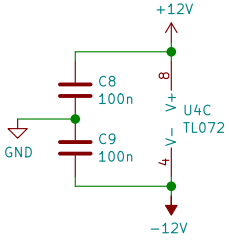
Sub oscillator



D3 and D4 works as a rectifier and makes a −2 oct 25% pulse width signal (−1 oct and −2 oct added).

Triangle oscillator





Sheet: /Sub + Triangle/		
File: sub+triangle.sch		
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. eeschema (5.1.7−0−10_14)		Id: 7/7