

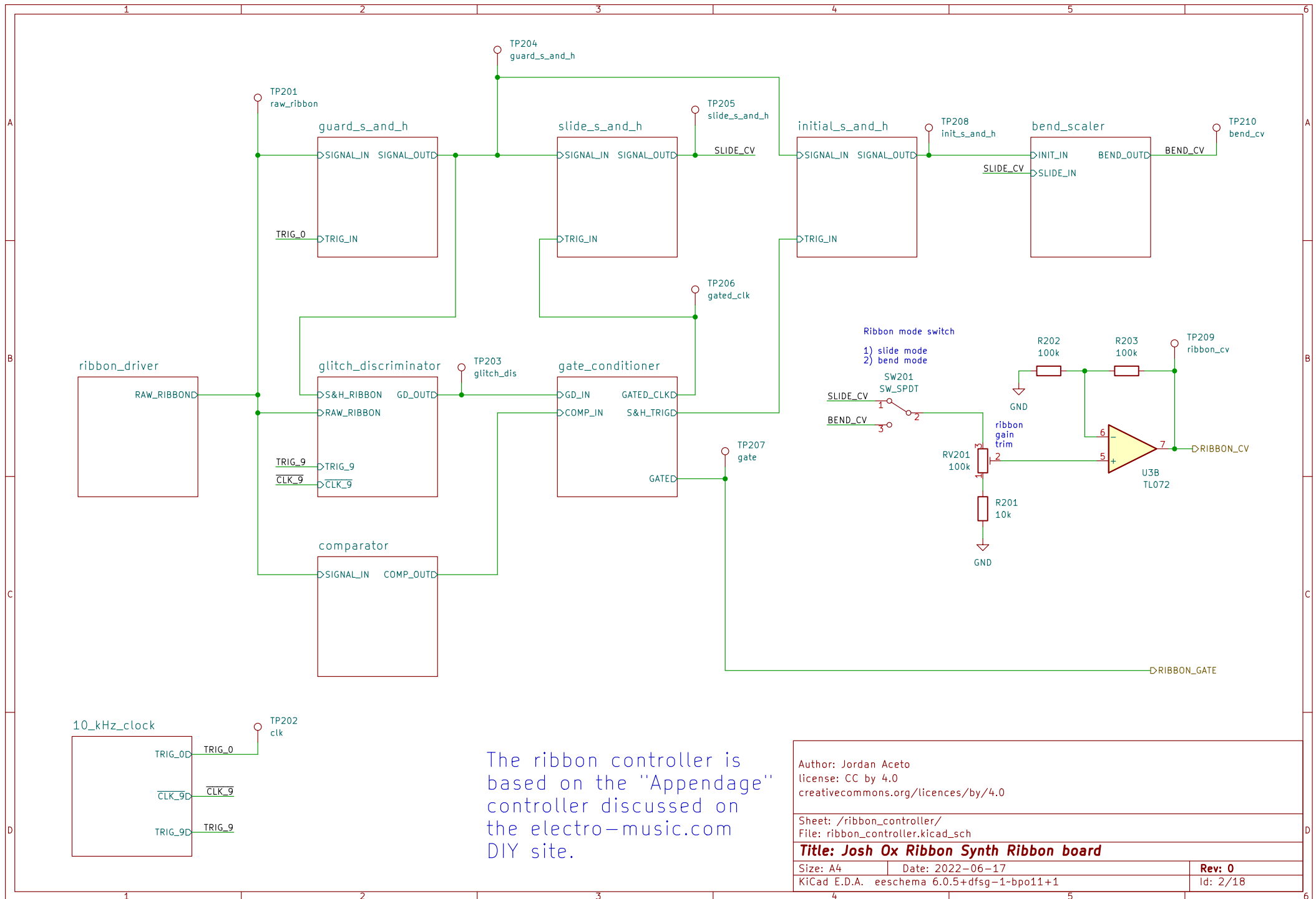
Author: Jordan Aceto
 license: CC by 4.0
creativecommons.org/licenses/by/4.0

Sheet: /
 File: ribbon_board.kicad_sch

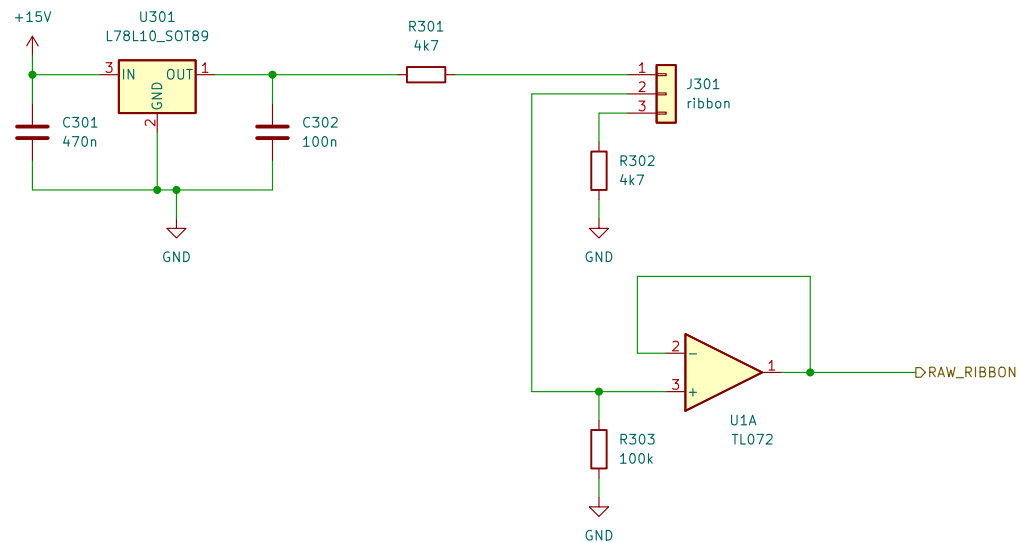
Title: Josh Ox Ribbon Synth Ribbon board

Size: A4 Date: 2022-06-17
 KiCad E.D.A. eeschema 6.0.5+dfsg-1-bpo11+1

Rev: 0
 Id: 1/18



The ribbon itself is a 400mm
Spectra Symbol "SoftPot"
<https://www.spectrasymbol.com/wp-content/uploads/2016/12/SOFTPOT-DATA-SHEET-Rev-F3.pdf>

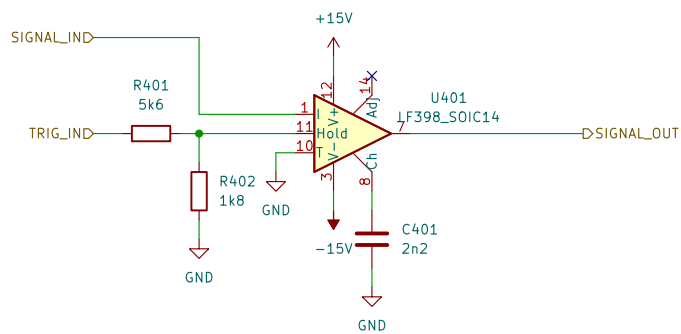


Author: Jordan Aceto
license: CC by 4.0
creativecommons.org/licenses/by/4.0

Sheet: /ribbon_controller/ribbon_driver/
File: ribbon_driver.kicad_sch

Title: Josh Ox Ribbon Synth Ribbon board

Size: A4	Date: 2022-06-17	Rev: 0
KiCad E.D.A. eeschema 6.0.5+dfsg-1-bpo11+1		Id: 3/18

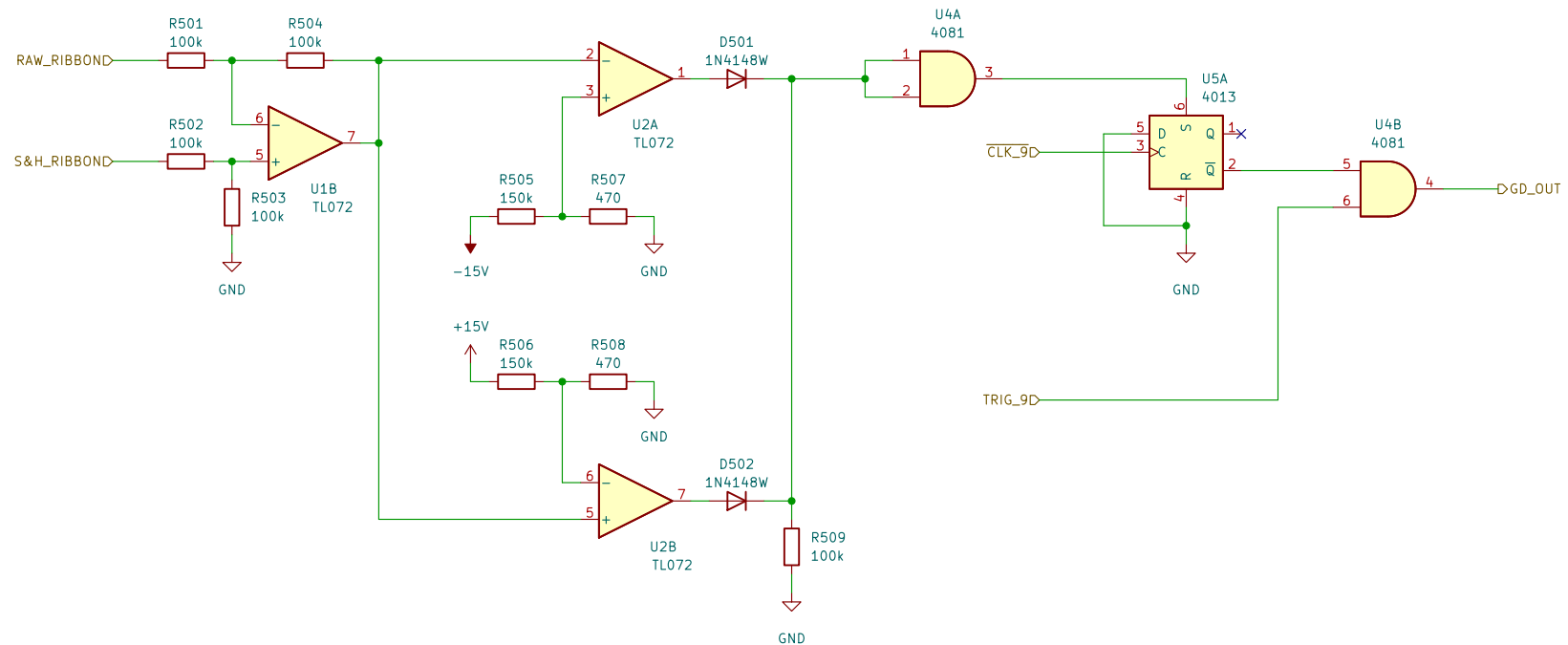


Author: Jordan Aceto
 license: CC by 4.0
creativecommons.org/licenses/by/4.0

Sheet: /ribbon_controller/guard_s_and_h/
 File: basic_s_and_h.kicad_sch

Title: Josh Ox Ribbon Synth Ribbon board

Size: A4	Date: 2022-06-17	Rev: 0
KiCad E.D.A. eeschema 6.0.5+dfsg-1-bpo11+1		Id: 4/18



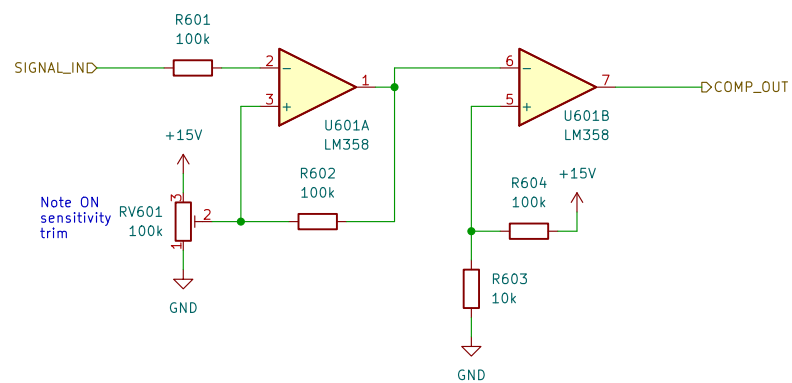
Author: Jordan Aceto
 license: CC by 4.0
creativecommons.org/licenses/by/4.0

Sheet: /ribbon_controller/glitch_discriminator/
 File: glitch_discriminator.kicad_sch

Title: Josh Ox Ribbon Synth Ribbon board

Size: A4 Date: 2022-06-17
 KiCad E.D.A. eeschema 6.0.5+dfsg-1-bpo11+1

Rev: 0
 Id: 5/18

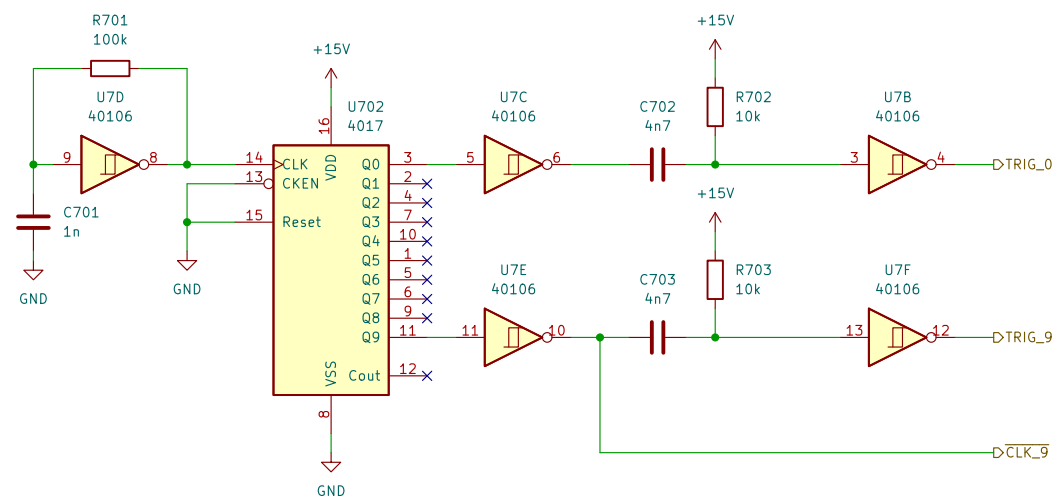


Author: Jordan Aceto
 license: CC by 4.0
creativecommons.org/licenses/by/4.0

Sheet: /ribbon_controller/comparator/
 File: comparator.kicad_sch

Title: Josh Ox Ribbon Synth Ribbon board

Size: A4	Date: 2022-06-17	Rev: 0
KiCad E.D.A. eeschema 6.0.5+dfsg-1-bpo11+1		Id: 6/18

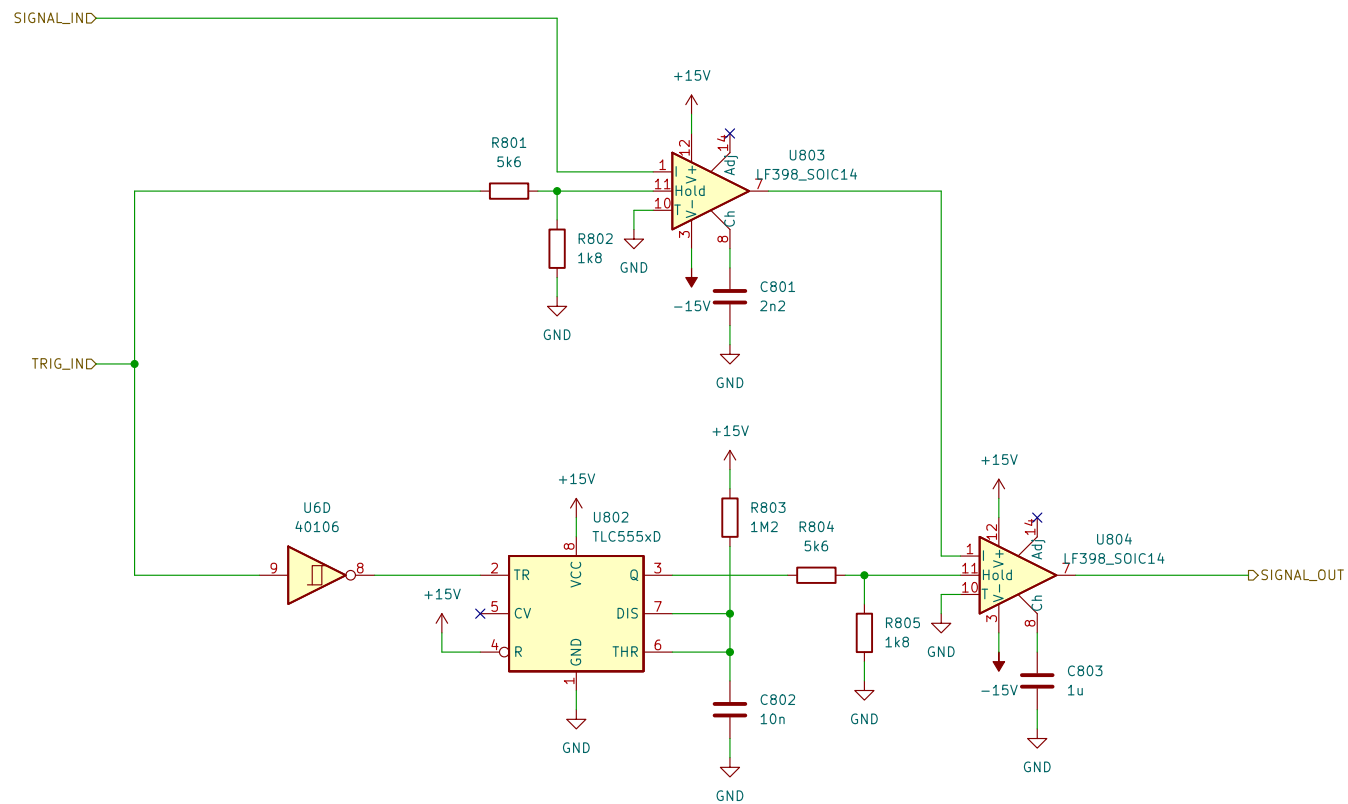


Author: Jordan Aceto
 license: CC by 4.0
creativecommons.org/licenses/by/4.0

Sheet: /ribbon_controller/10_kHz_clock/
 File: 10_kHz_clock.kicad_sch

Title: Josh Ox Ribbon Synth Ribbon board

Size: A4	Date: 2022-06-17	Rev: 0
KiCad E.D.A. eeschema 6.0.5+dfsg-1-bpo11+1		Id: 7/18

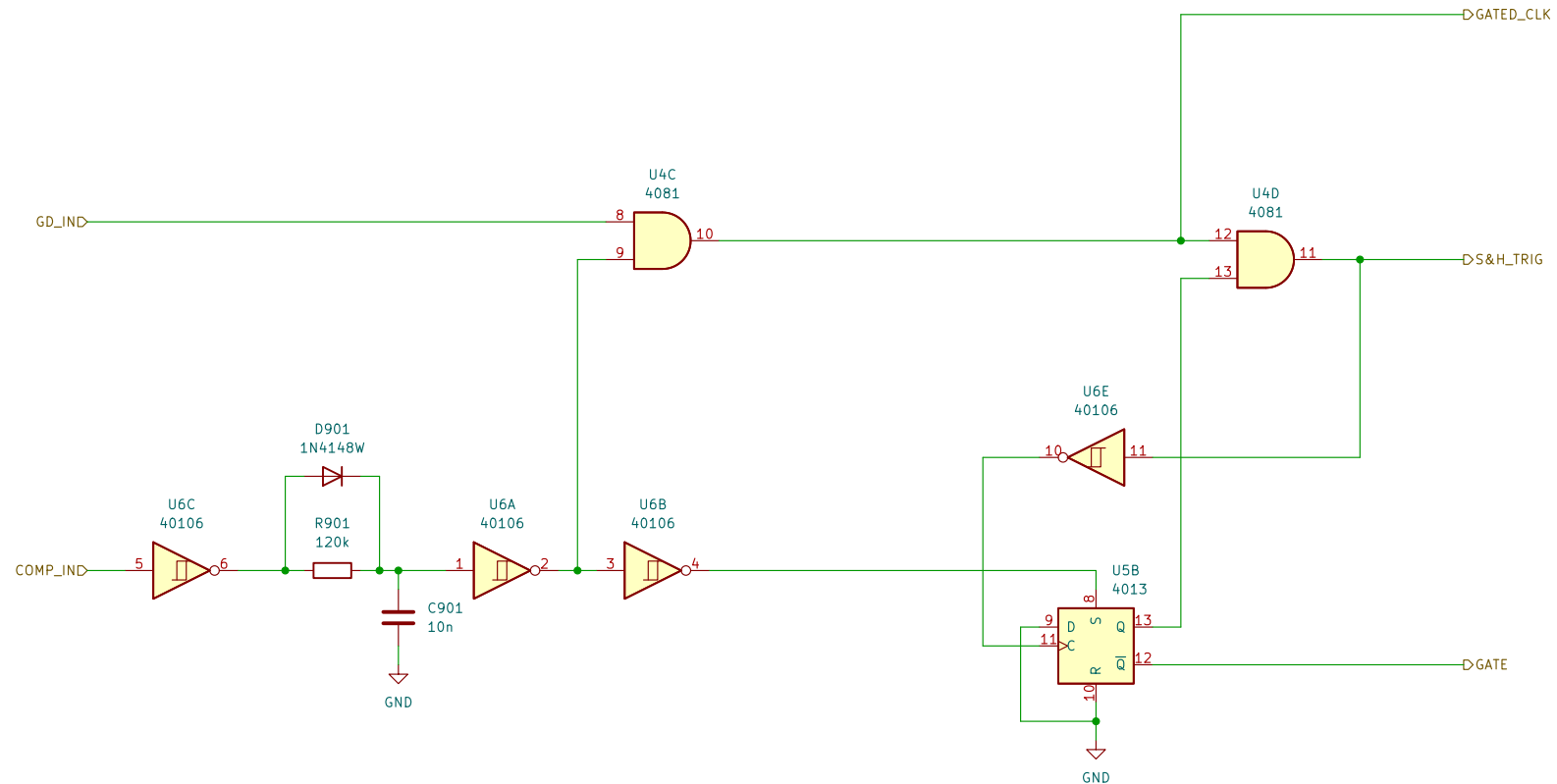


Author: Jordan Aceto
 license: CC by 4.0
creativecommons.org/licenses/by/4.0

Sheet: /ribbon_controller/slide_s_and_h/
 File: clocked_s_and_h.kicad_sch

Title: Josh Ox Ribbon Synth Ribbon board

Size: A4	Date: 2022-06-17	Rev: 0
KiCad E.D.A. eeschema 6.0.5+dfsg-1-bpo11+1		Id: 8/18

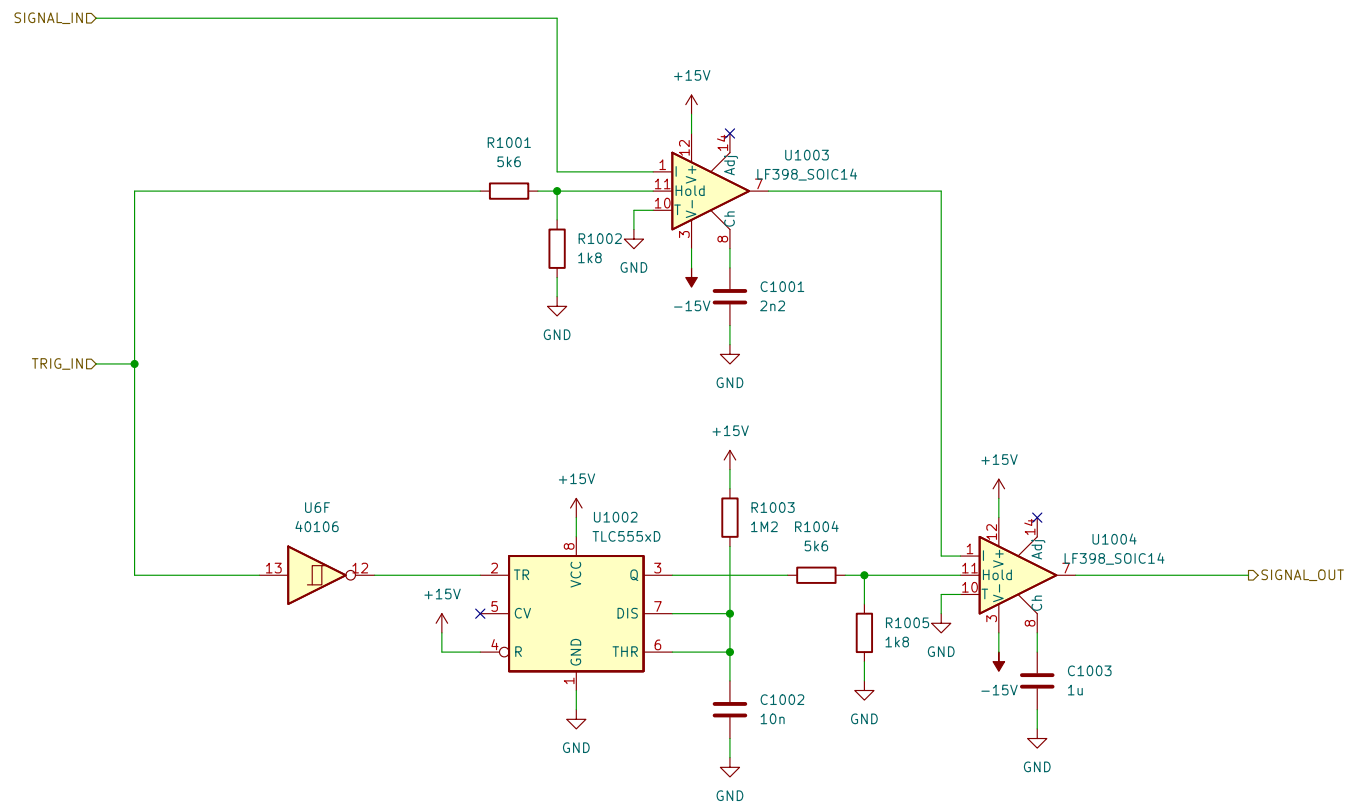


Author: Jordan Aceto
 license: CC by 4.0
creativecommons.org/licenses/by/4.0

Sheet: /ribbon_controller/gate_conditioner/
 File: gate_conditioner.kicad_sch

Title: Josh Ox Ribbon Synth Ribbon board

Size: A4	Date: 2022-06-17	Rev: 0
KiCad E.D.A. eeschema 6.0.5+dfsg-1-bpo11+1		Id: 9/18

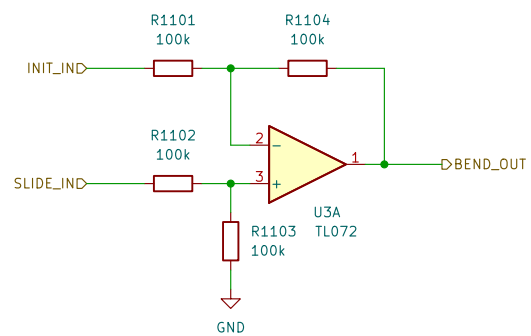


Author: Jordan Aceto
 license: CC by 4.0
creativecommons.org/licenses/by/4.0

Sheet: /ribbon_controller/initial_s_and_h/
 File: clocked_s_and_h.kicad_sch

Title: Josh Ox Ribbon Synth Ribbon board

Size: A4	Date: 2022-06-17	Rev: 0
KiCad E.D.A. eeschema 6.0.5+dfsg-1-bpo11+1		Id: 10/18

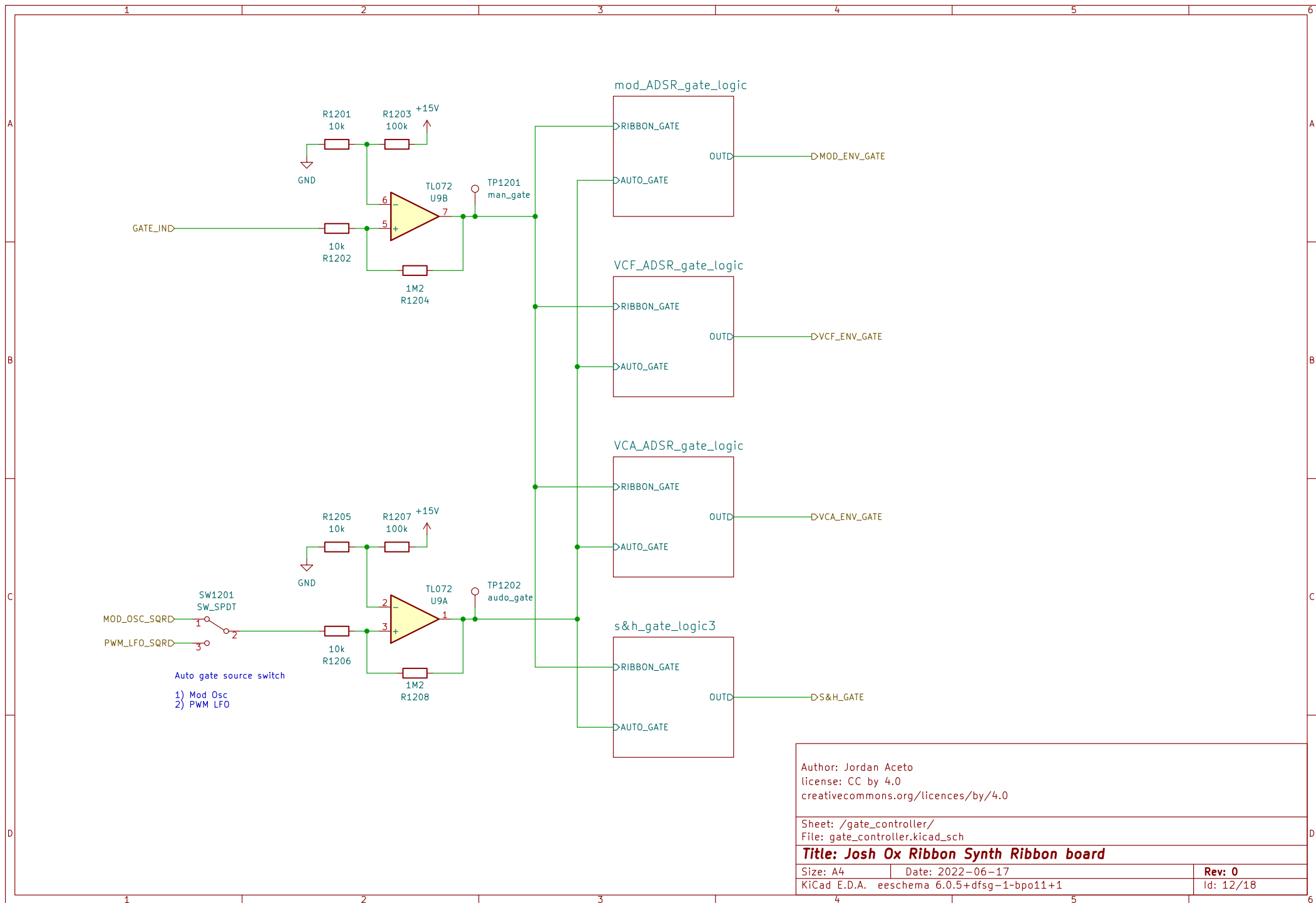


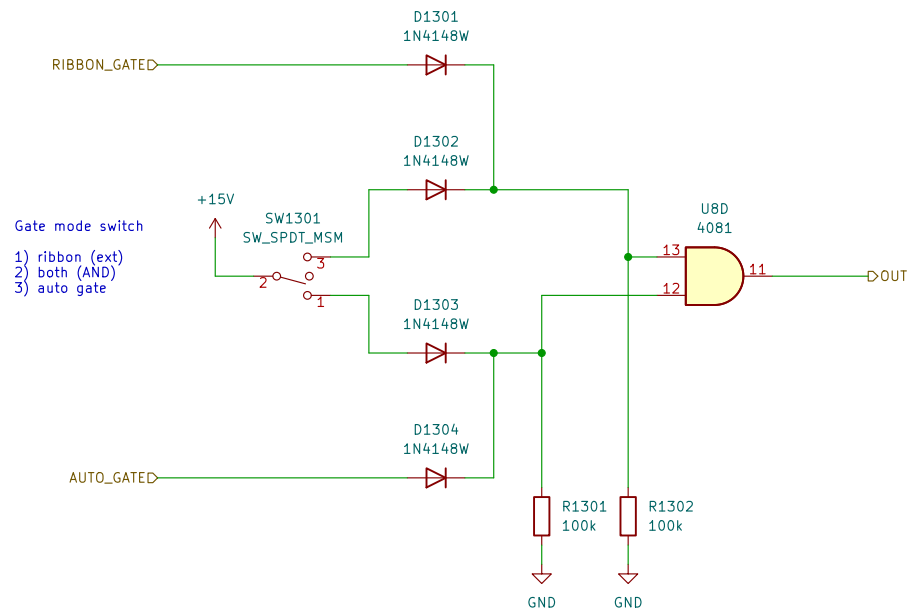
Author: Jordan Aceto
license: CC by 4.0
creativecommons.org/licenses/by/4.0

Sheet: /ribbon_controller/bend_scaler/
File: bend_scaler.kicad_sch

Title: Josh Ox Ribbon Synth Ribbon board

Size: A4	Date: 2022-06-17	Rev: 0
KiCad E.D.A. eeschema 6.0.5+dfsg-1-bpo11+1		Id: 11/18





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

Sheet: /gate_controller/mod_ADSR_gate_logic/
 File: gate_logic.kicad_sch

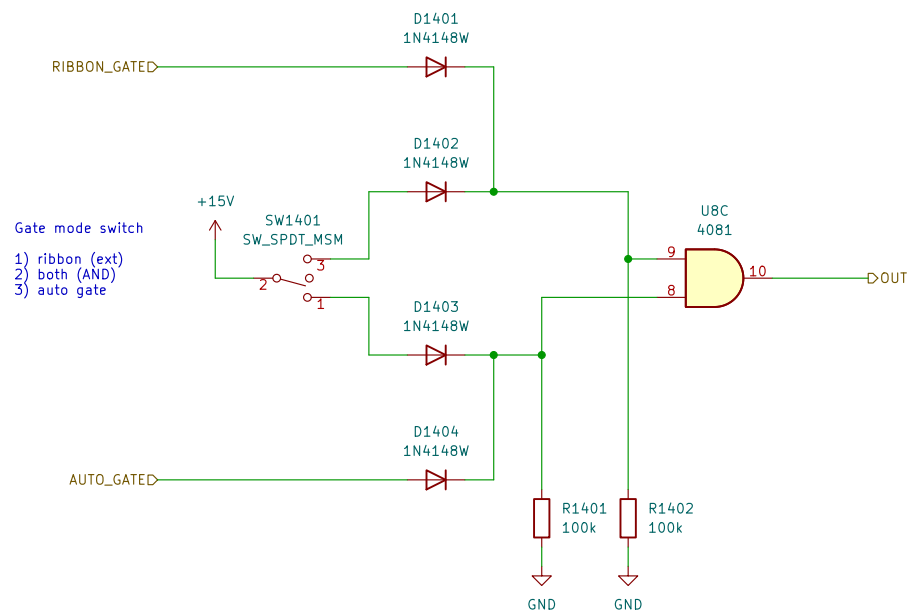
Title: Josh Ox Ribbon Synth Ribbon board

Size: A4 Date: 2022-06-17

Rev: 0

KiCad E.D.A. eeschema 6.0.5+dfsg-1-bpo11+1

Id: 13/18



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

Sheet: /gate_controller/VCF_ADSR_gate_logic/
 File: gate_logic.kicad_sch

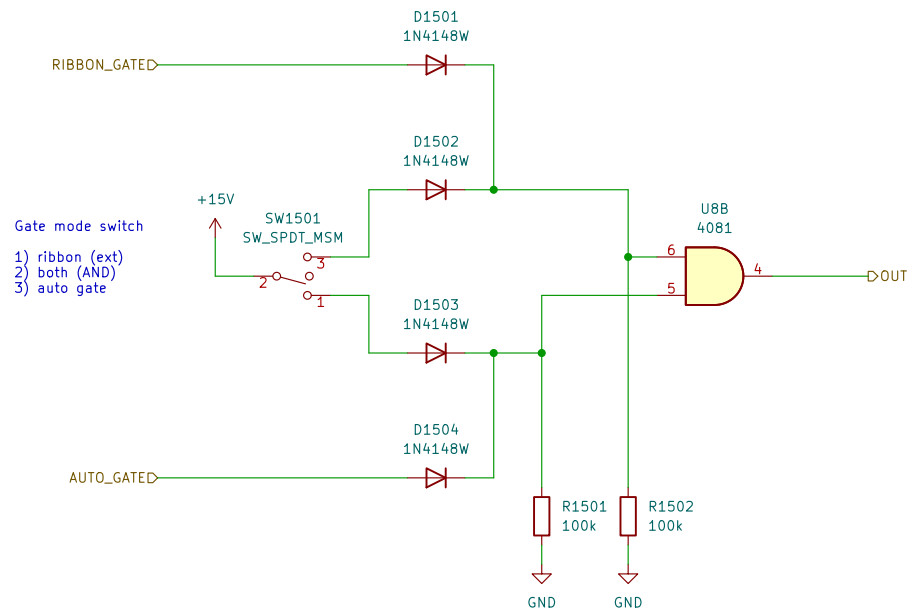
Title: Josh Ox Ribbon Synth Ribbon board

Size: A4 Date: 2022-06-17

KiCad E.D.A. eeschema 6.0.5+dfsg-1-bpo11+1

Rev: 0

Id: 14/18

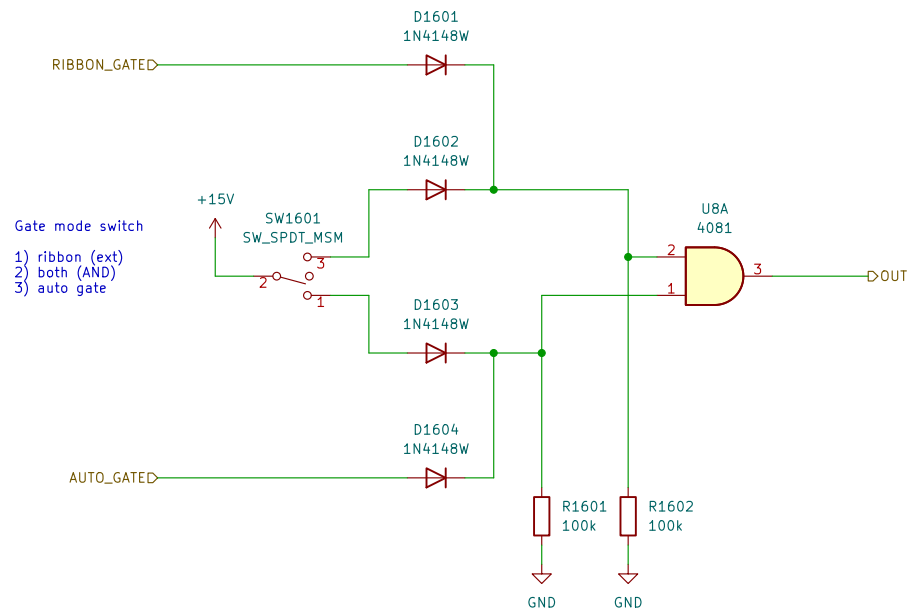


Author: Jordan Aceto
 license: CC by 4.0
creativecommons.org/licenses/by/4.0

Sheet: /gate_controller/VCA_ADSR_gate_logic/
 File: gate_logic.kicad_sch

Title: Josh Ox Ribbon Synth Ribbon board

Size: A4	Date: 2022-06-17	Rev: 0
KiCad E.D.A. eeschema 6.0.5+dfsg-1-bpo11+1		Id: 15/18



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

Sheet: /gate_controller/s&h_gate_logic3/
 File: gate_logic.kicad_sch

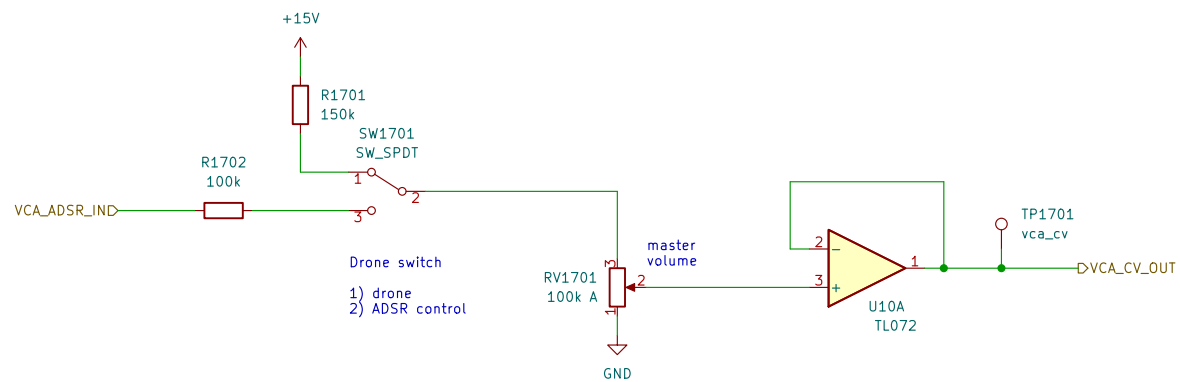
Title: Josh Ox Ribbon Synth Ribbon board

Size: A4 Date: 2022-06-17

KiCad E.D.A. eeschema 6.0.5+dfsg-1-bpo11+1

Rev: 0

Id: 16/18

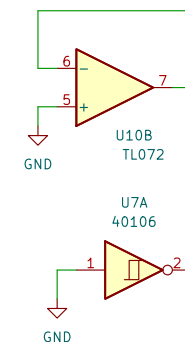
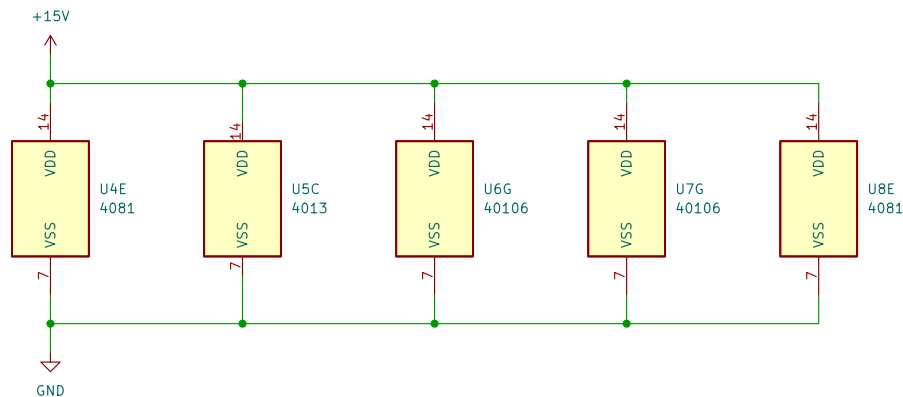
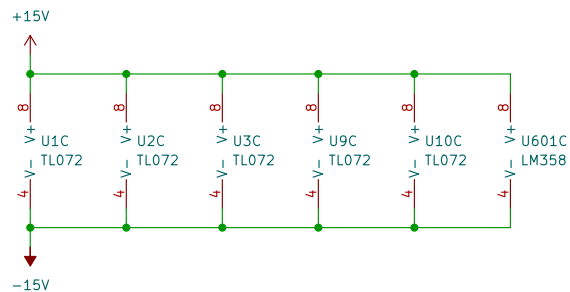


Author: Jordan Aceto
 license: CC by 4.0
creativecommons.org/licenses/by/4.0

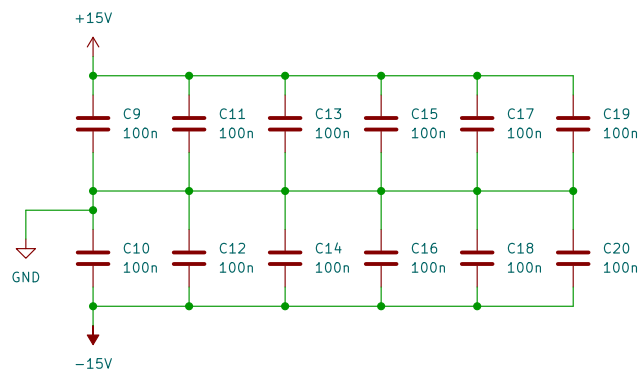
Sheet: /VCA_CV_scaler/
 File: VCA_CV_scaler.kicad_sch

Title: Josh Ox Ribbon Synth Ribbon board

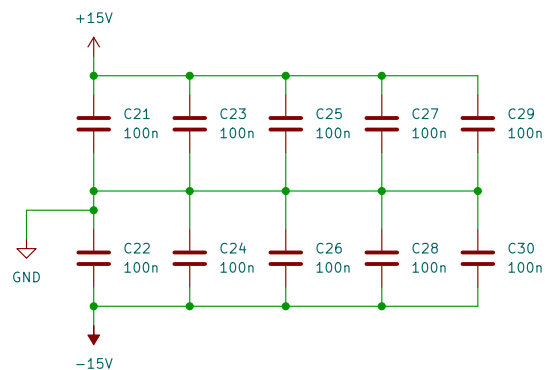
Size: A4	Date: 2022-06-17	Rev: 0
KiCad E.D.A. eeschema 6.0.5+dfsg-1-bpo11+1		Id: 17/18



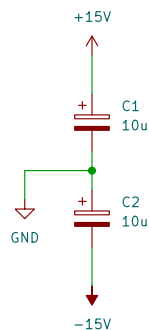
Opamp Decoupling



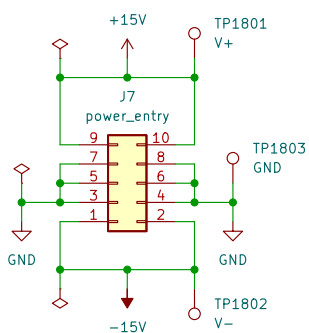
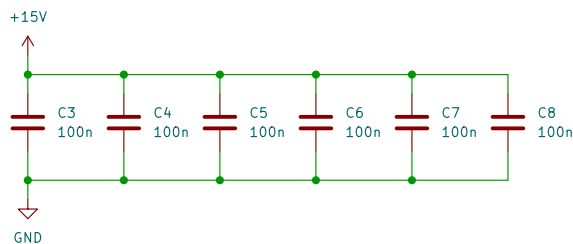
S&H Decoupling



Bulk Decoupling



Logic Decoupling



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

Sheet: /power_supply/
File: power_supply.kicad_sch

Title: Josh Ox Ribbon Synth Ribbon board

Size: A4 Date: 2022-06-17
KiCad E.D.A. eeschema 6.0.5+dfsg-1-bpo11+1

Rev: 0
Id: 18/18