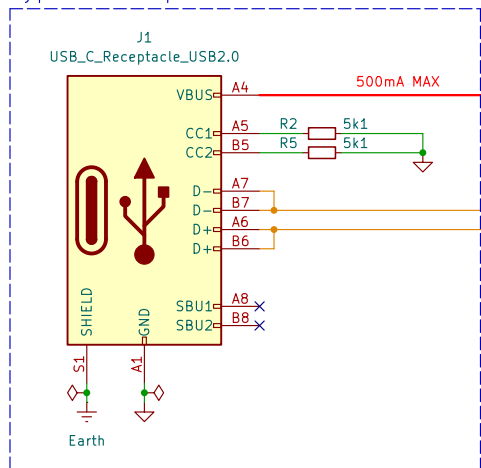
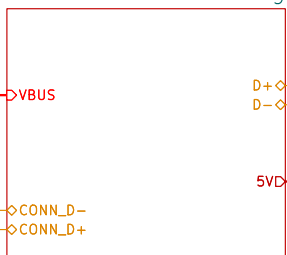


phnx

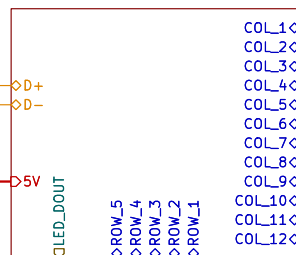
Type C Receptacle



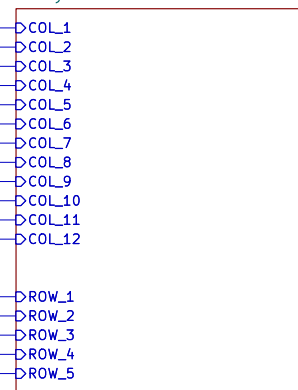
ESD & Power Filtering



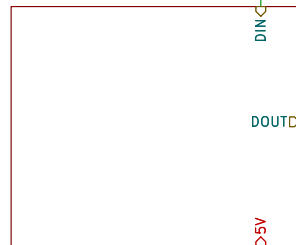
Microcontroller



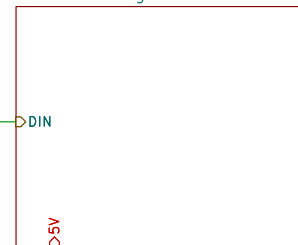
Keyboard Matrix



LED Matrix Left Side



LED Matrix Right Side



- | | |
|-----------------|-----------------|
| H1 MountingHole | H5 MountingHole |
| H2 MountingHole | H6 MountingHole |
| H3 MountingHole | H7 MountingHole |
| H4 MountingHole | H8 MountingHole |



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Sheet: /
File: phnx.kicad_sch

Title: **phnx**

Size: A4 Date: 2024-03-14

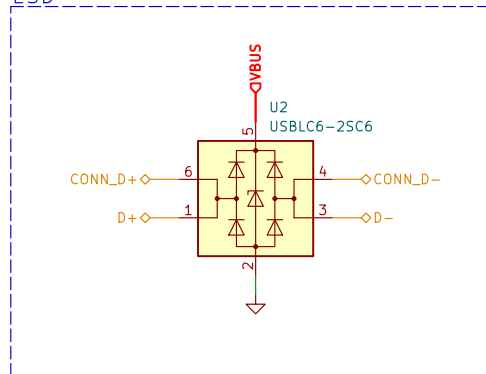
KiCad E.D.A. 8.0.0

Rev: **A**

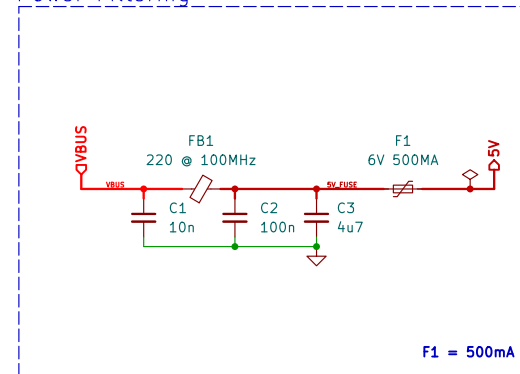
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ESD & Power Filtering

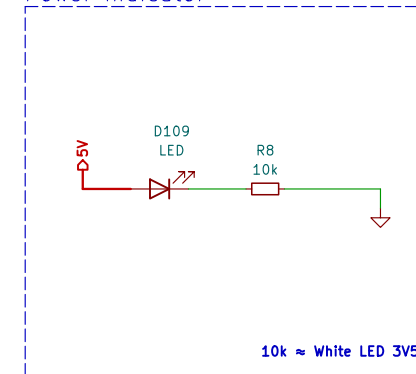
ESD



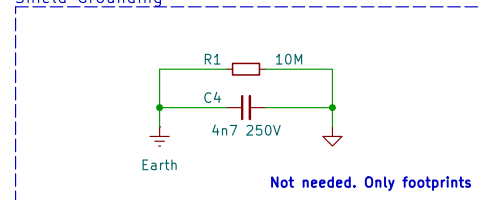
Power Filtering



Power Indicator



Shield Grounding



Not needed. Only footprints



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Sheet: /ESD & Power Filtering/
File: pdn.kicad_sch

Title: **phnx**

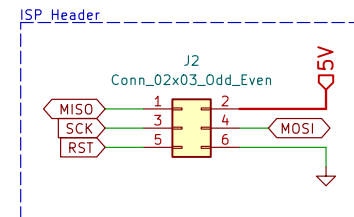
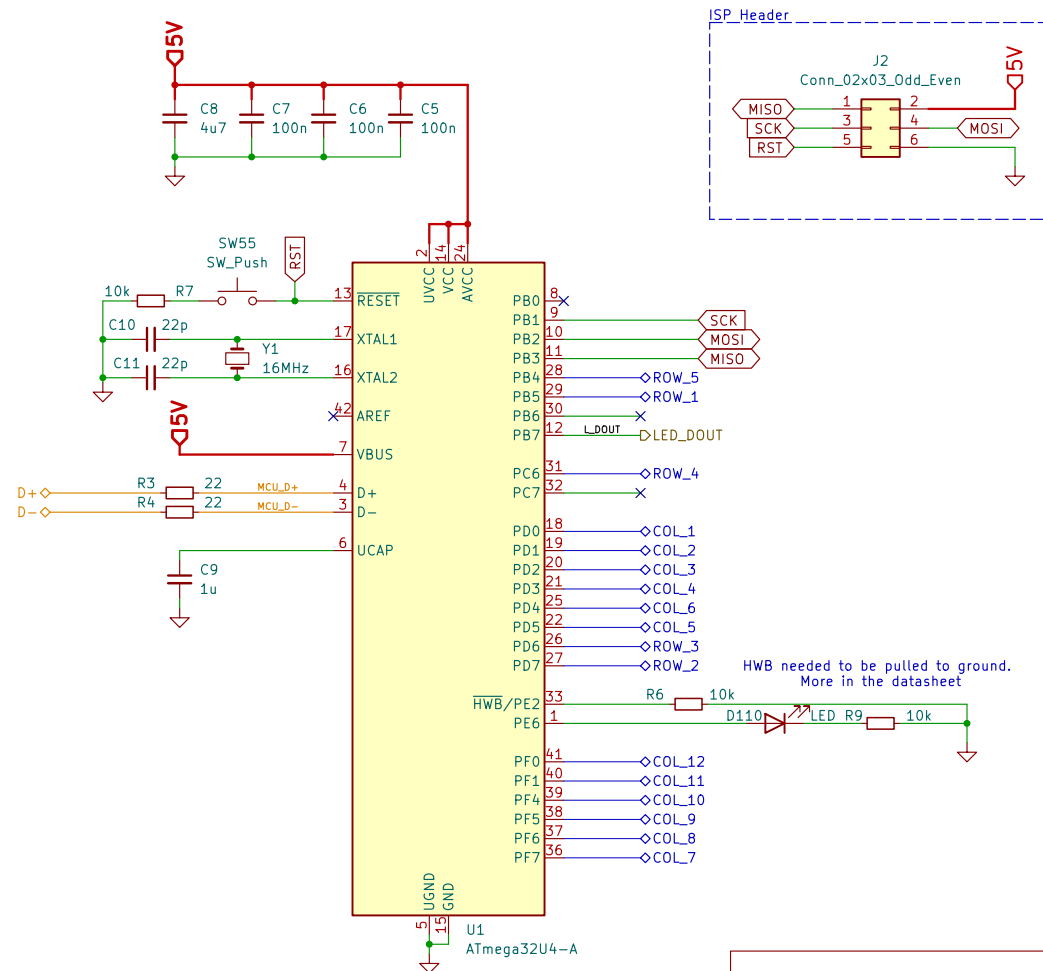
Size: A4 Date: 2024-03-14

KiCad E.D.A. 8.0.0

Rev: **A**

Id: 2/6

Microcontroller



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Sheet: /Microcontroller/
File: mcu.kicad_sch

Title: phnx

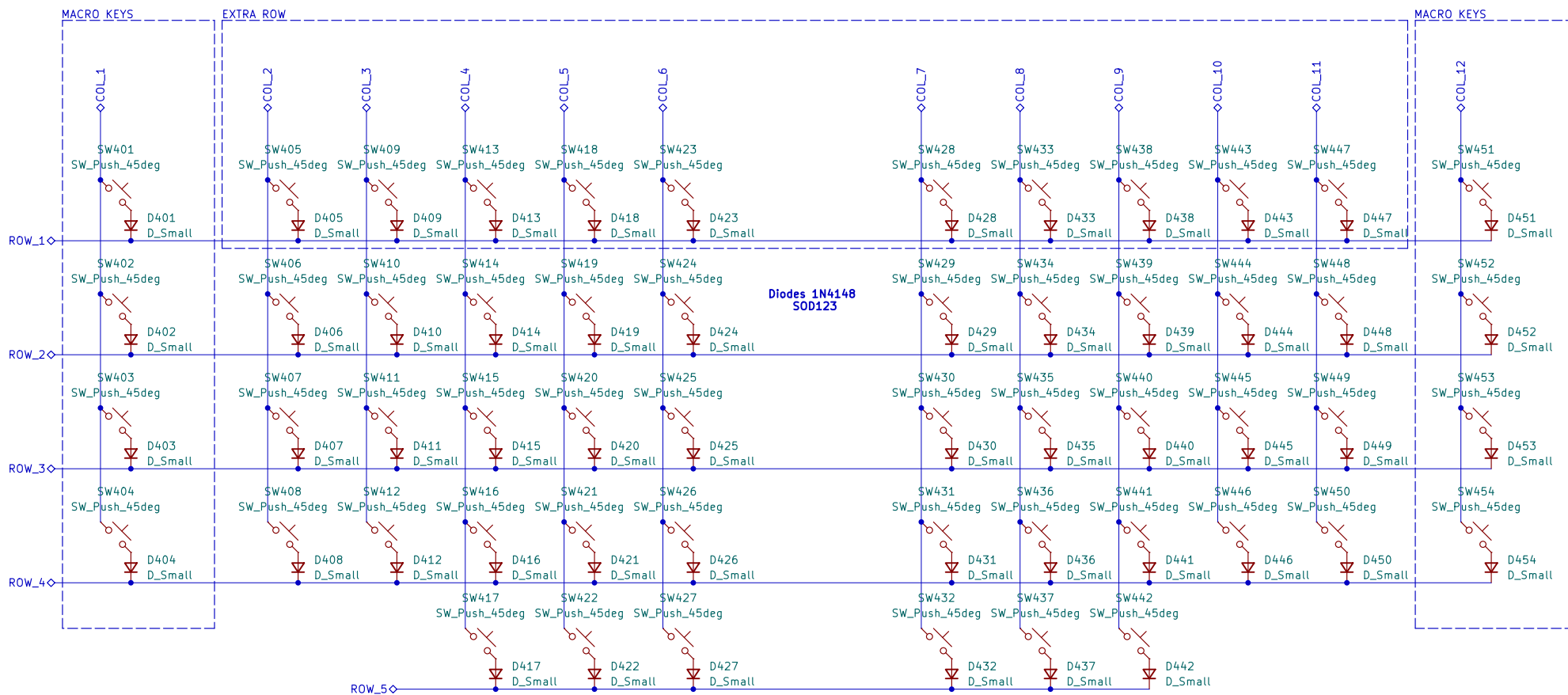
Size: A4 Date: 2024-03-14

KiCad E.D.A. 8.0.0

Rev: A

Id: 3/6

Keyboard Matrix



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Sheet: /Keyboard Matrix/
File: matrix.kicad_sch

Title: phnx

Size: A4 Date: 2024-03-14

KiCad E.D.A. 8.0.0

Rev: A

Id: 4/6

LED Left Side

Capacitors not needed. Only footprints

5V

DIN

DOUT

SK6812MINI-E

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Sheet: /LED Matrix Left Side/
File: led_left.kicad_sch

Title: phnx

Size: A4 Date: 2024-03-14 Rev: A

KiCad E.D.A. 8.0.0 Id: 5/6

LED Left Side

Capacitors not needed. Only footprints

5V

DIN

DOUT

SK6812MINI-E

STOJCHEVSKI.COM

Sheet: /LED Matrix Left Side/
File: led_left.kicad_sch

Title: phnx

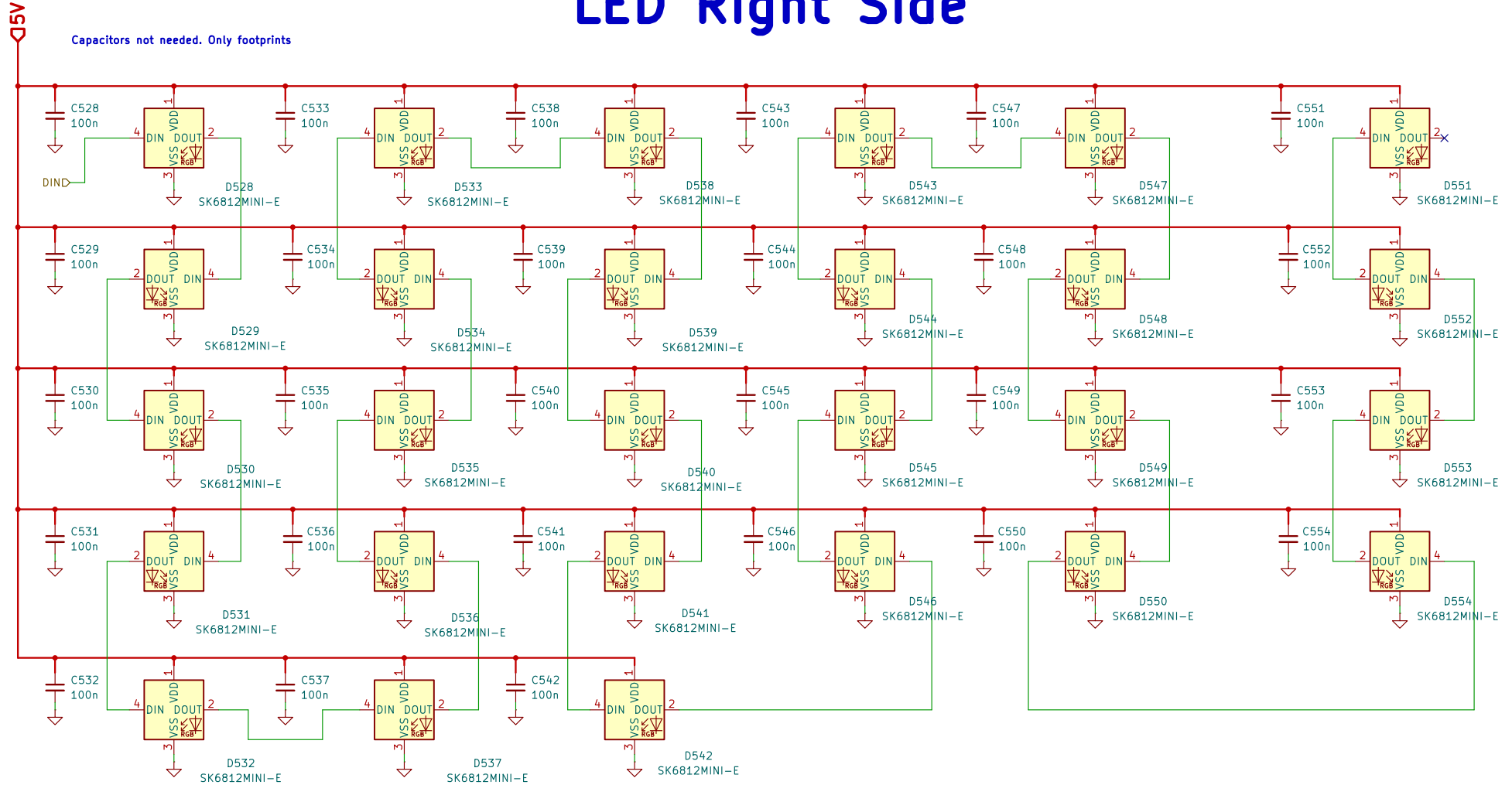
Size: A4 Date: 2024-03-14 Rev: A

KiCad E.D.A. 8.0.0 Id: 5/6

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LED Right Side

Capacitors not needed. Only footprints



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Sheet: /LED Matrix Right Side/
File: led_right.kicad_sch

Title: **phnx**

Size: A4 Date: 2024-03-14

KiCad E.D.A. 8.0.0

Rev: A

Id: 6/6