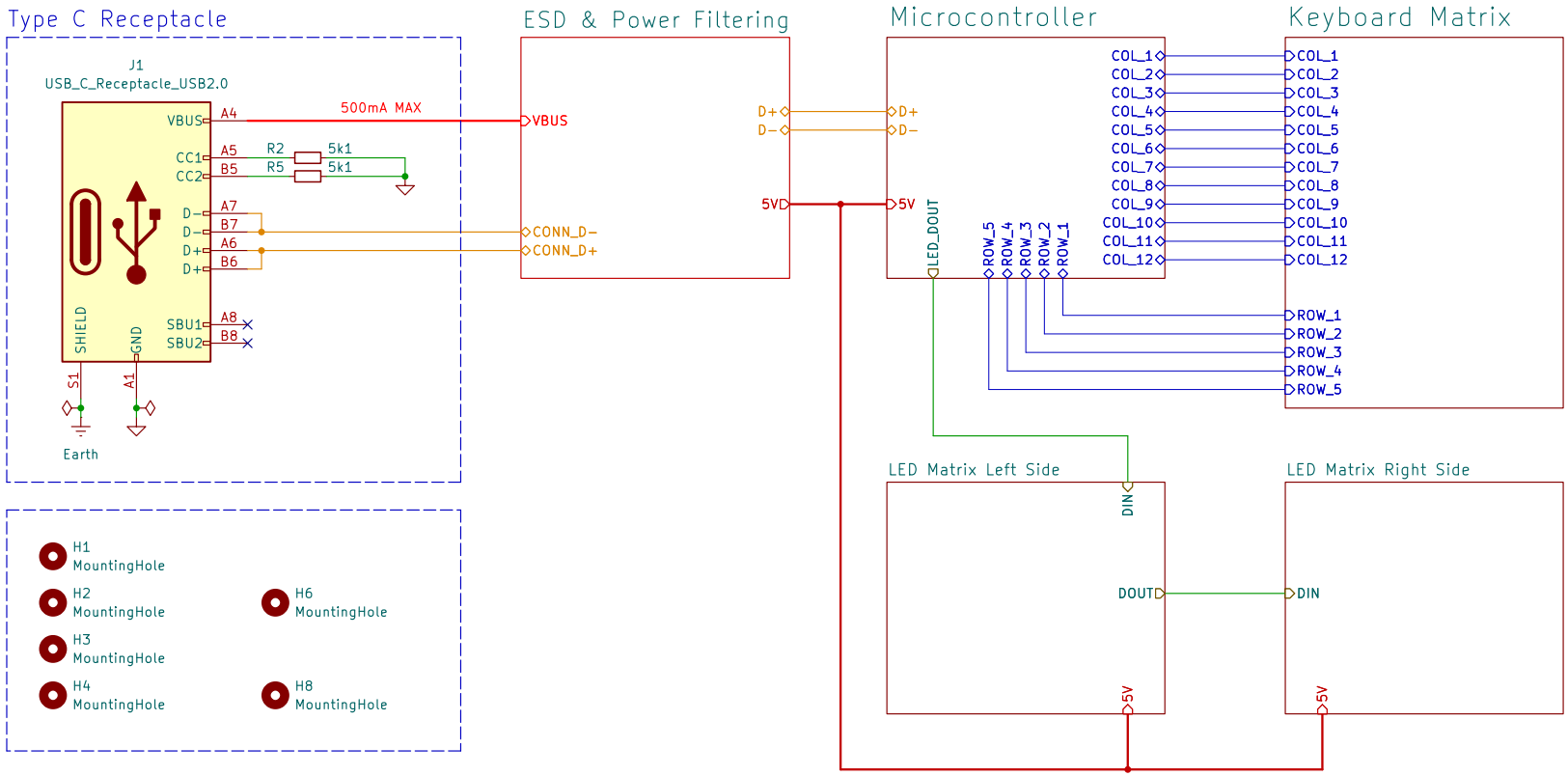
phnx



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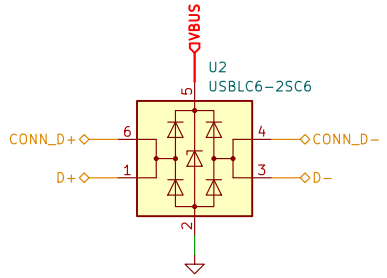
File: phnx.kicad_sch

Title: phnx

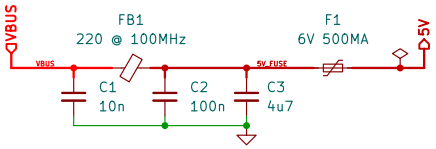
Size: A4	Date: 2024-03-14	**Rev: A**
KiCad E.D.A. 8.0.6		Id: 1/6

ESD & Power Filtering

ESD

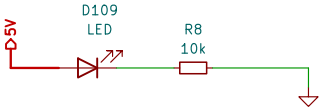


Power Filtering



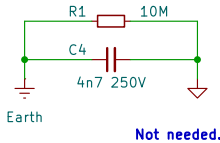
F1 = 500mA

Power Indicator



10k ≈ White LED 3V5

Shield Grounding



Not needed. Only footprints

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Sheet: /ESD & Power Filtering/
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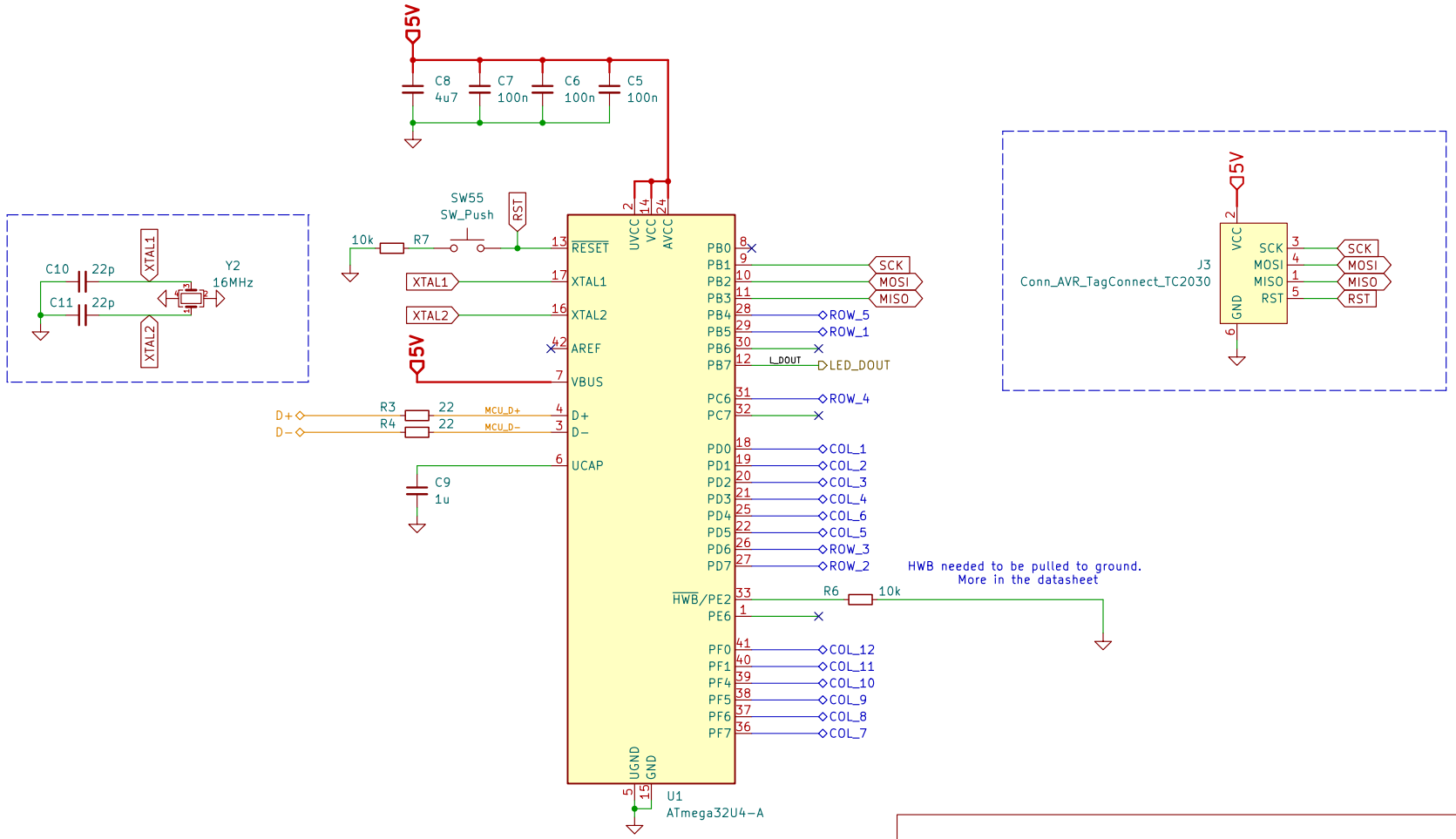
Title: phnx

Size: A4	Date: 2024-03-14	**Rev: A**
KiCad E.D.A. 8.0.6		Id: 2/6

Microcontroller



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Sheet: /Microcontroller/		
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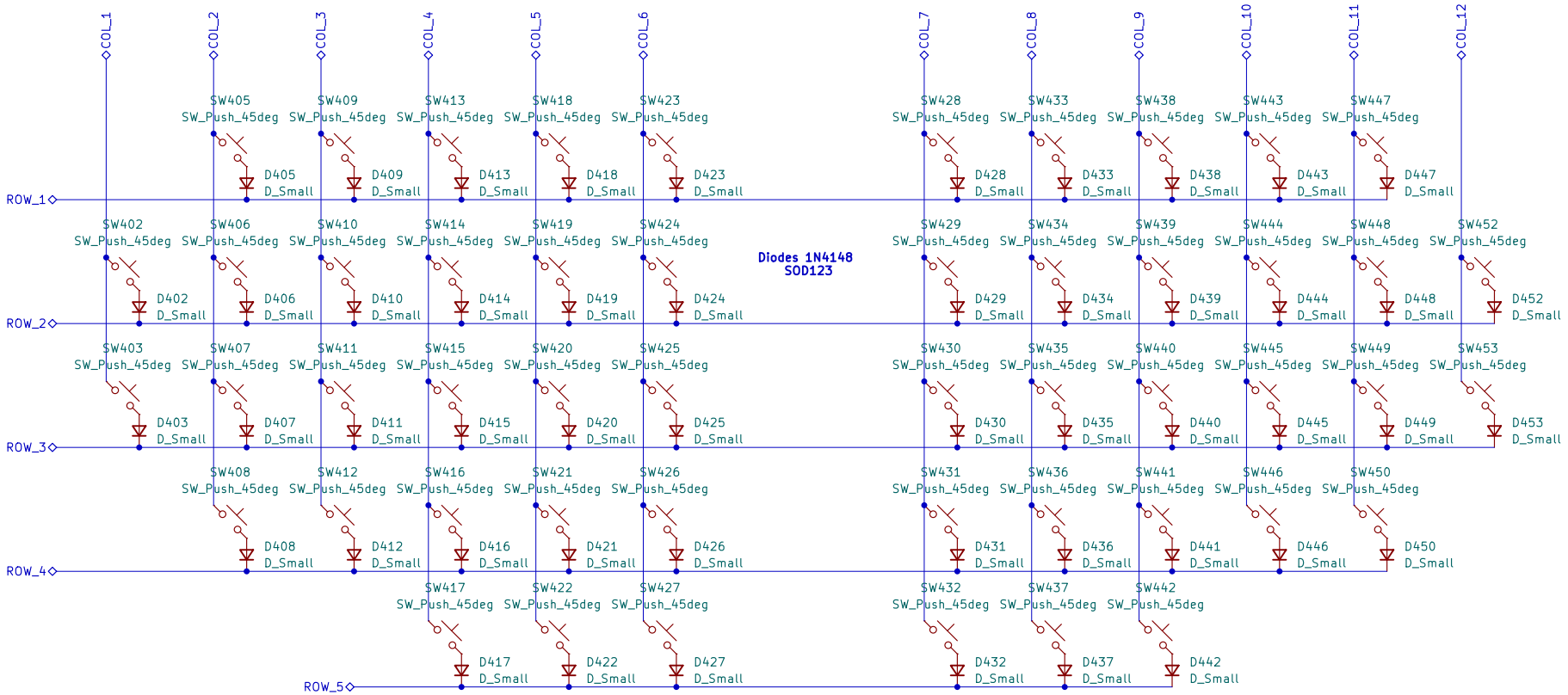
Size: A4	Date: 2024-03-14	**Rev: A**
KiCad E.D.A. 8.0.6		Id: 3/6

Keyboard Matrix



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Sheet: /Keyboard Matrix/		
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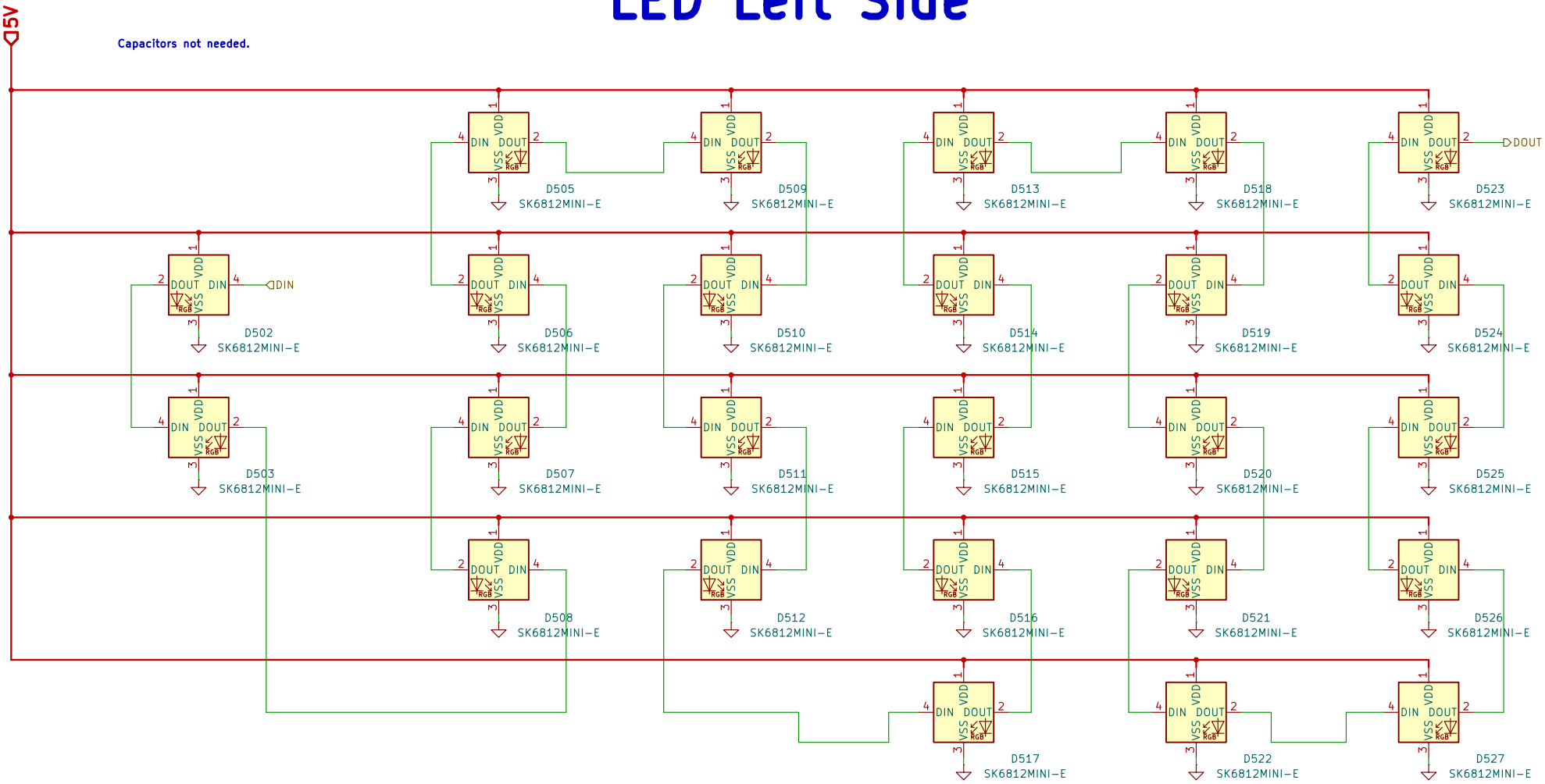
Title: phnx		
Size: A4	Date: 2024-03-14	**Rev: A**
KiCad E.D.A. 8.0.6		Id: 4/6

LED Left Side

Capacitors not needed.



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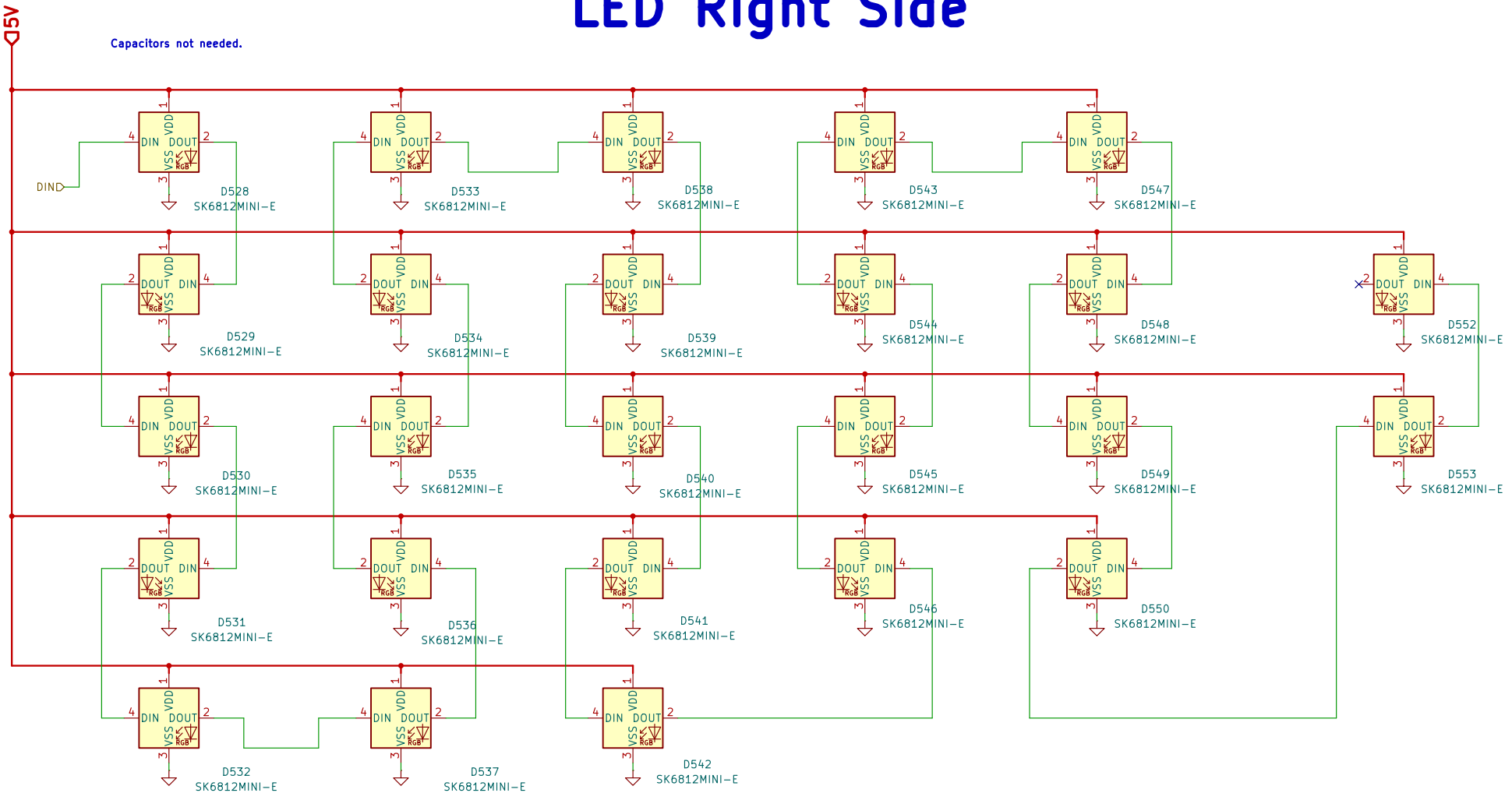
Sheet: /LED Matrix Left Side/
File: led_left.kicad_sch

Title: phnx

Size: A4	Date: 2024-03-14	**Rev: A**
KiCad E.D.A. 8.0.6		Id: 5/6

LED Right Side



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

Title: phnx

Size: A4	Date: 2024-03-14	**Rev: A**
KiCad E.D.A. 8.0.6		Id: 6/6