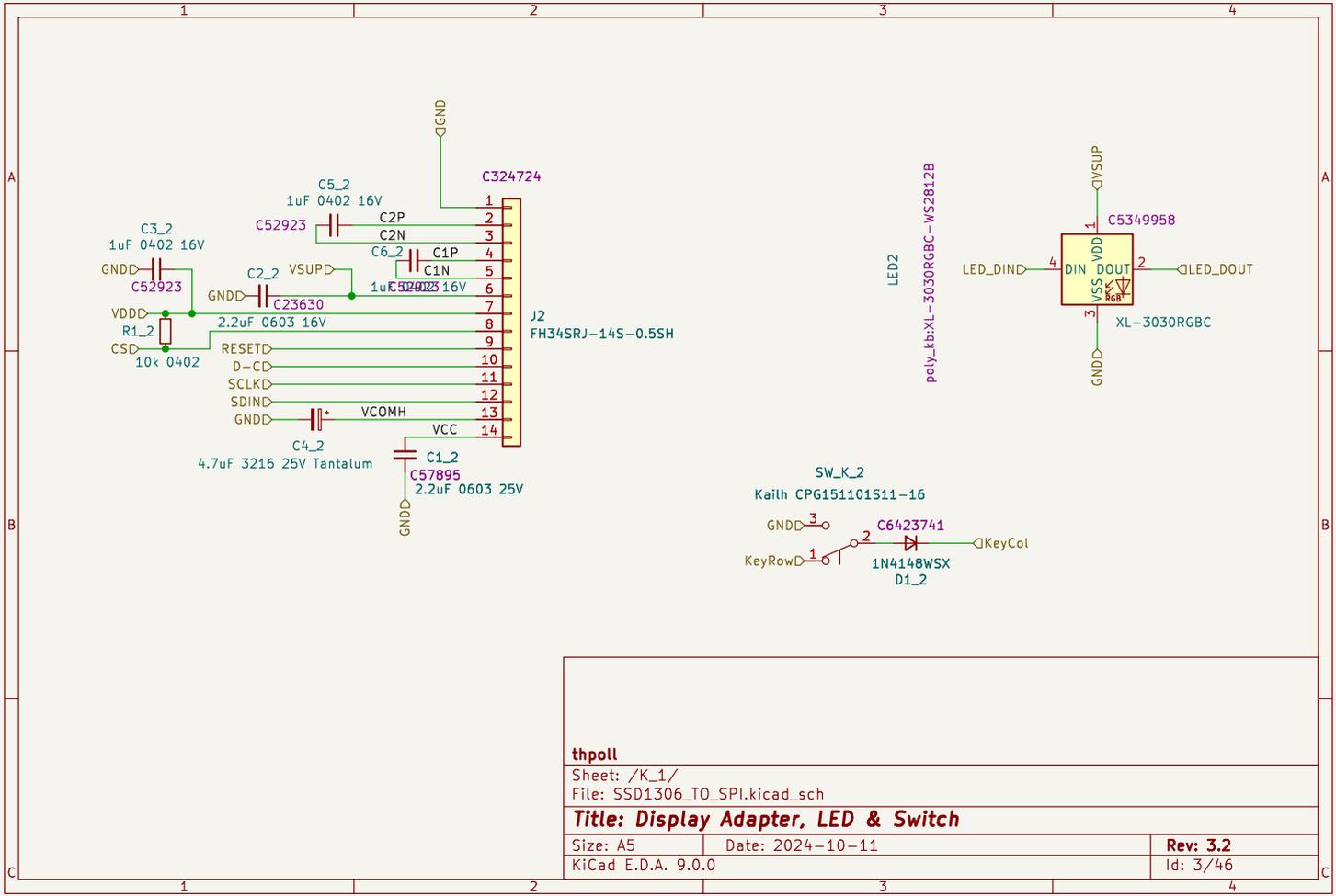
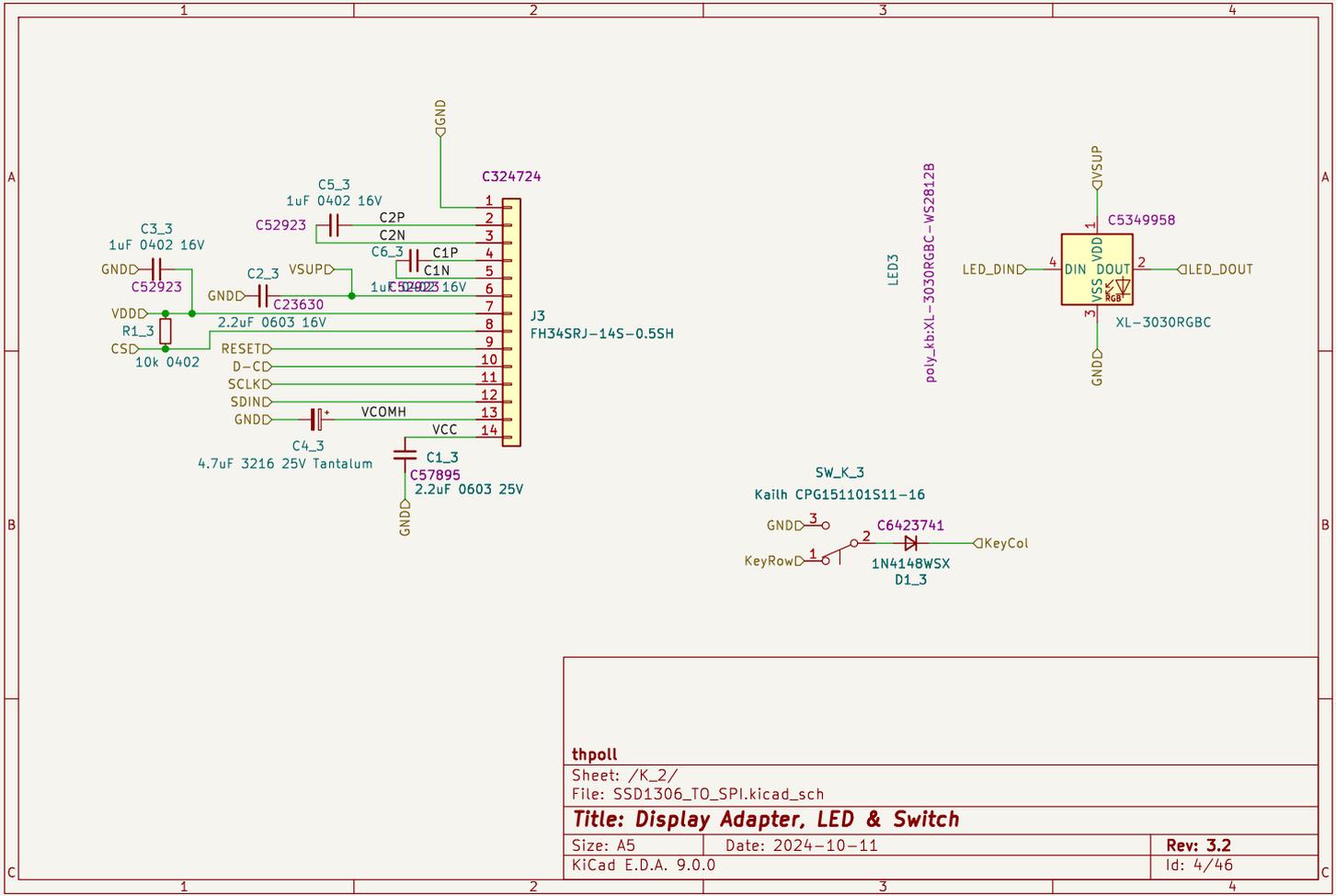


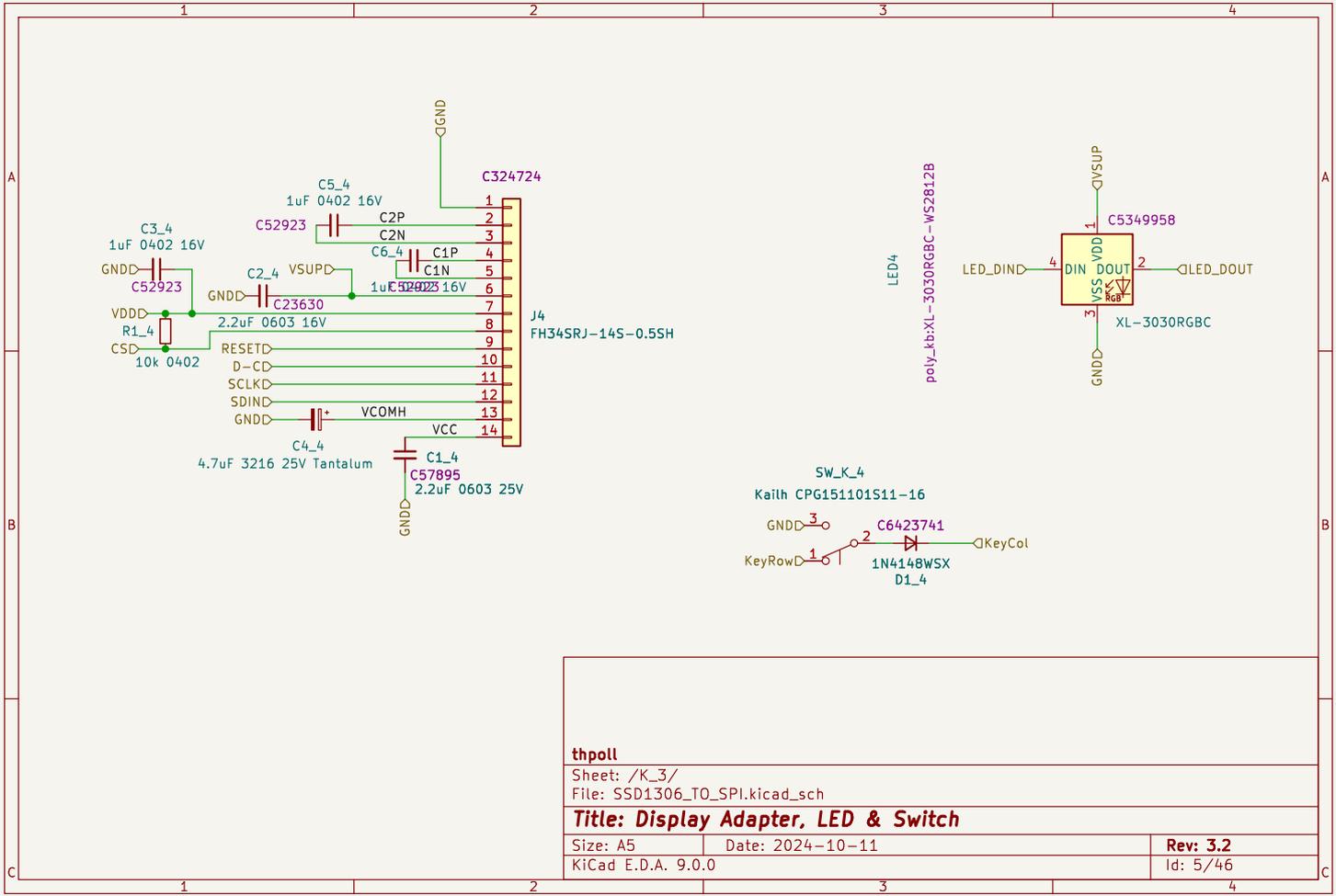
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Size: A5	Date: 2024-10-11
KiCad E.D.A. 9.0.0	Rev: 3.2
	Id: 2/46



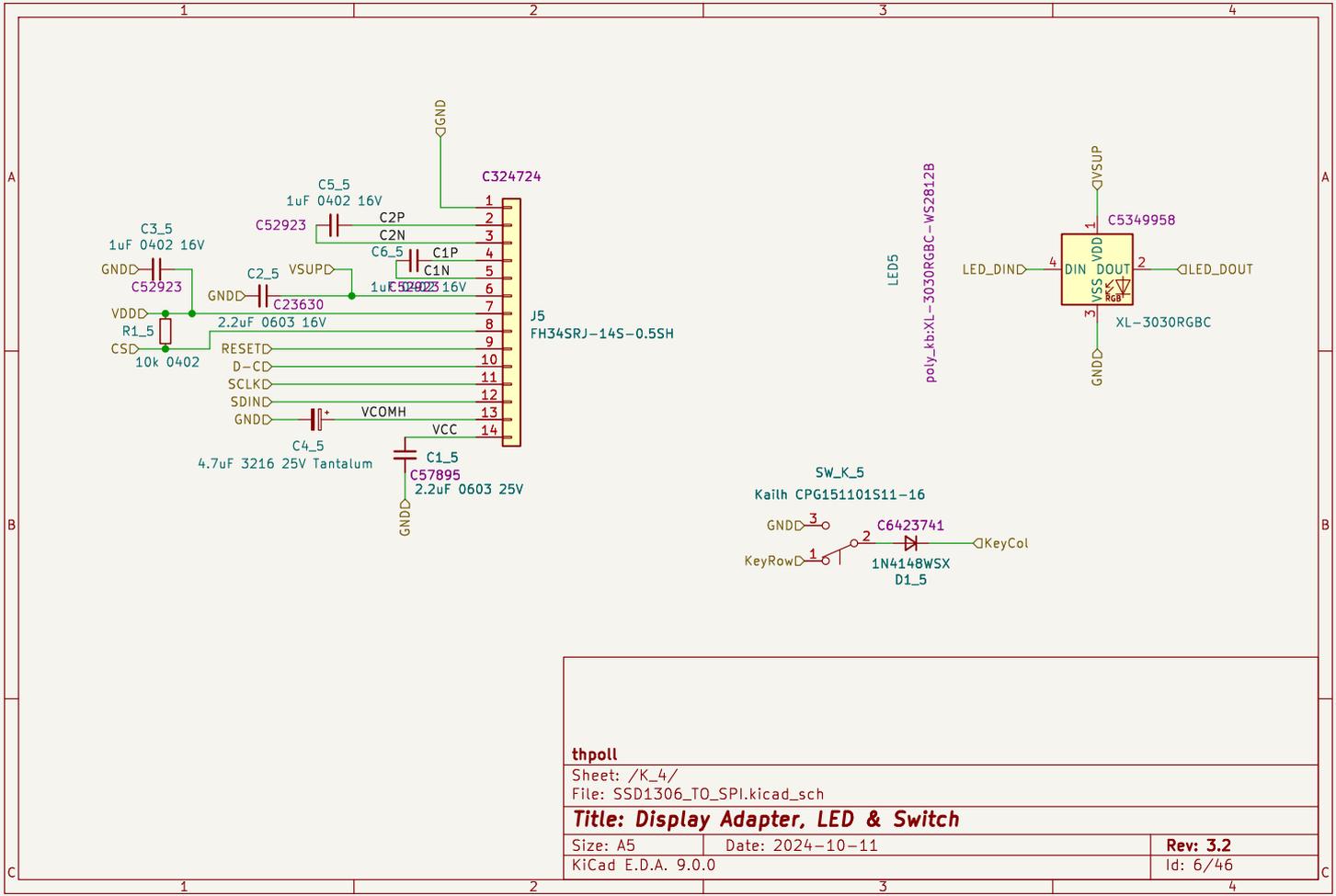
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Size: A5	Date: 2024-10-11
KiCad E.D.A. 9.0.0	Rev: 3.2
	Id: 3/46



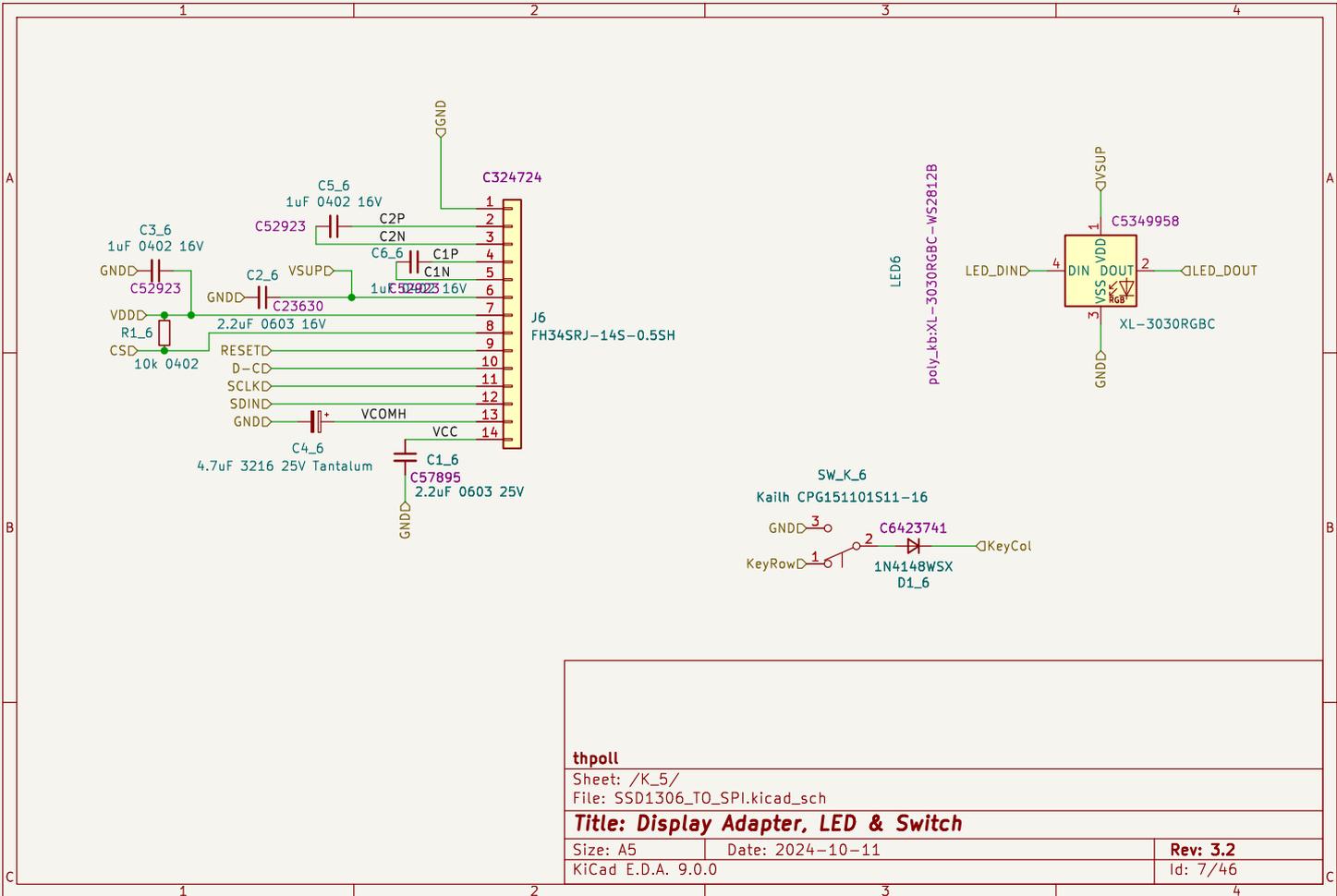
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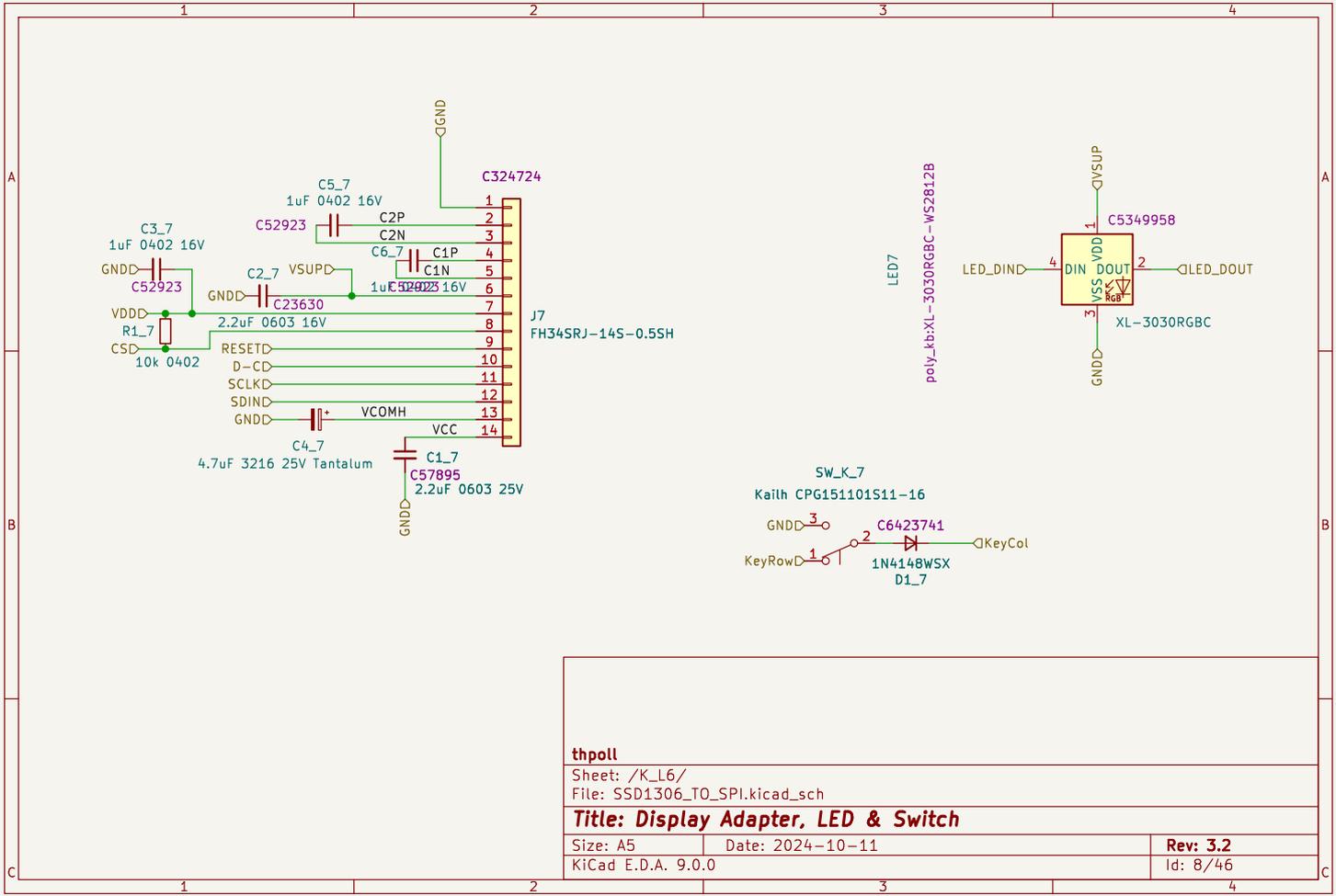


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	Id: 5/46

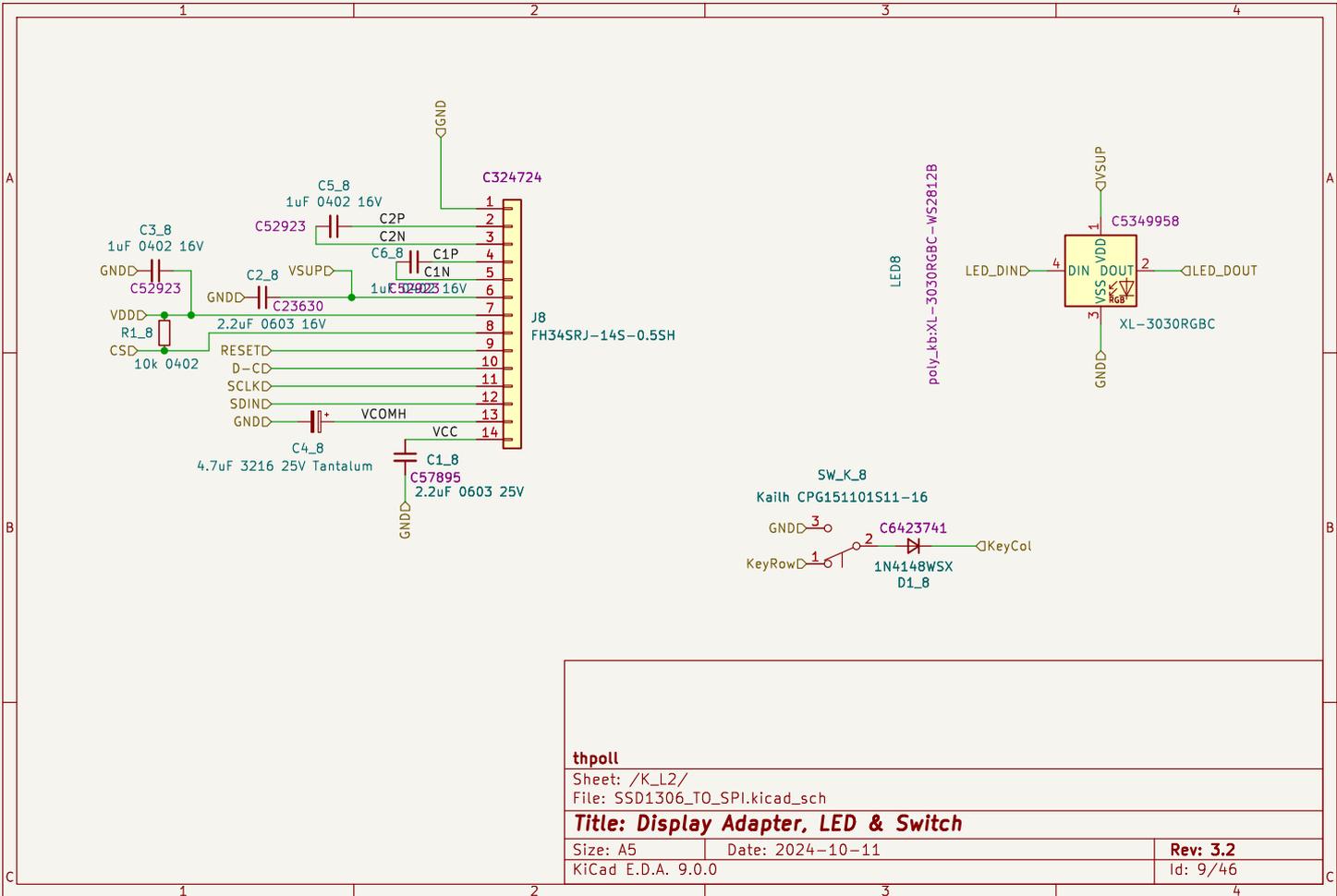


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KiCad E.D.A. 9.0.0	Rev: 3.2
	Id: 6/46

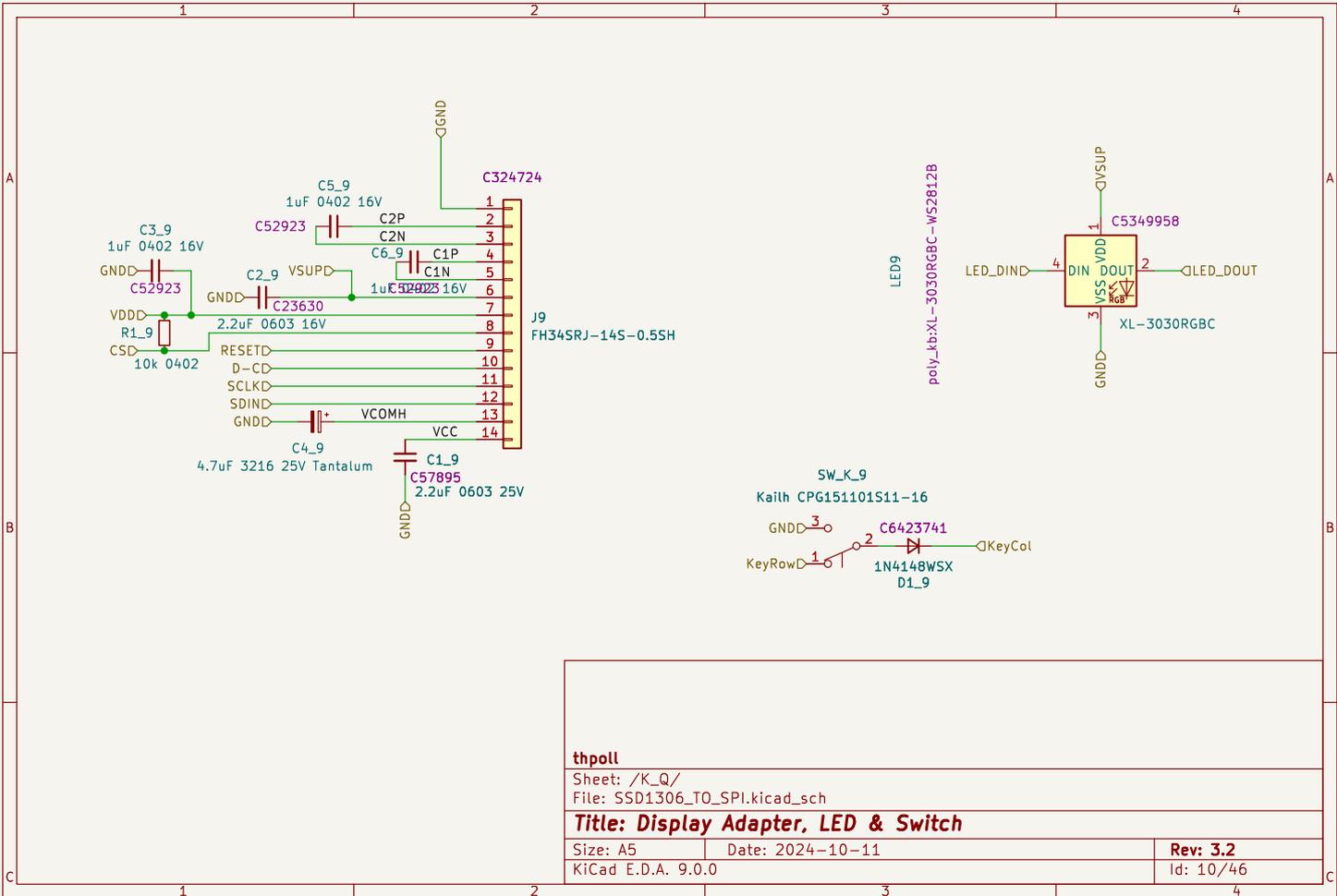




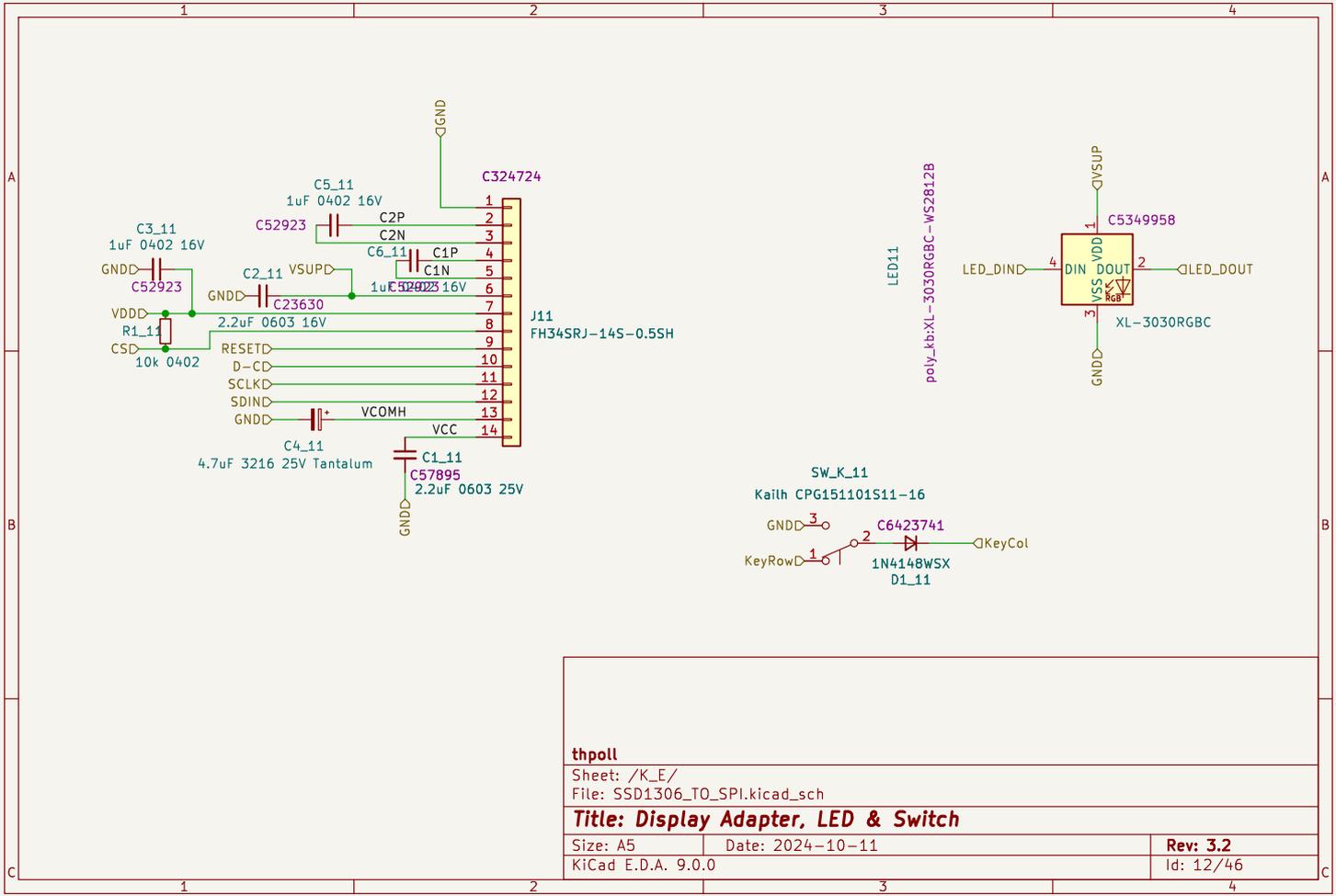
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	Id: 8/46



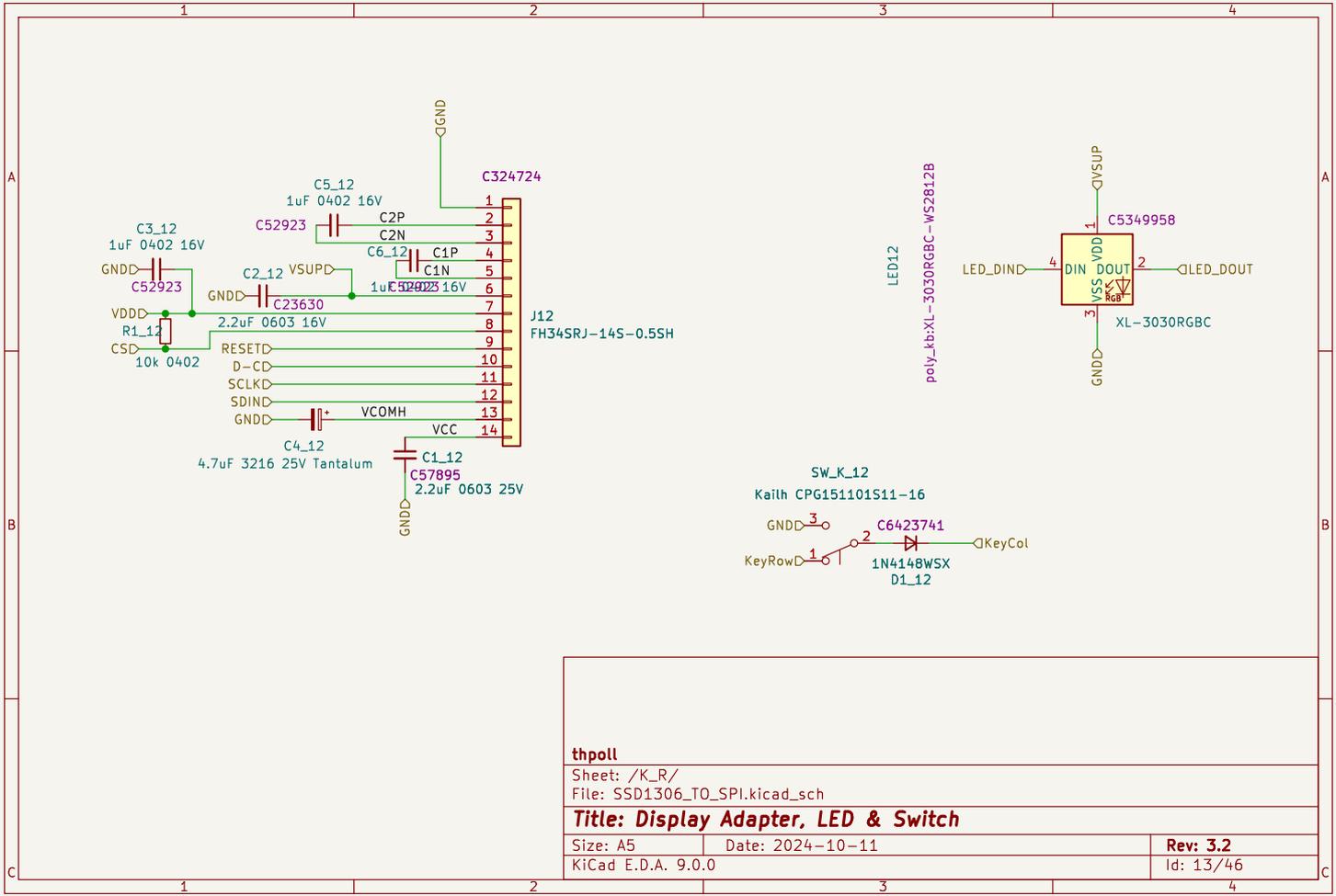
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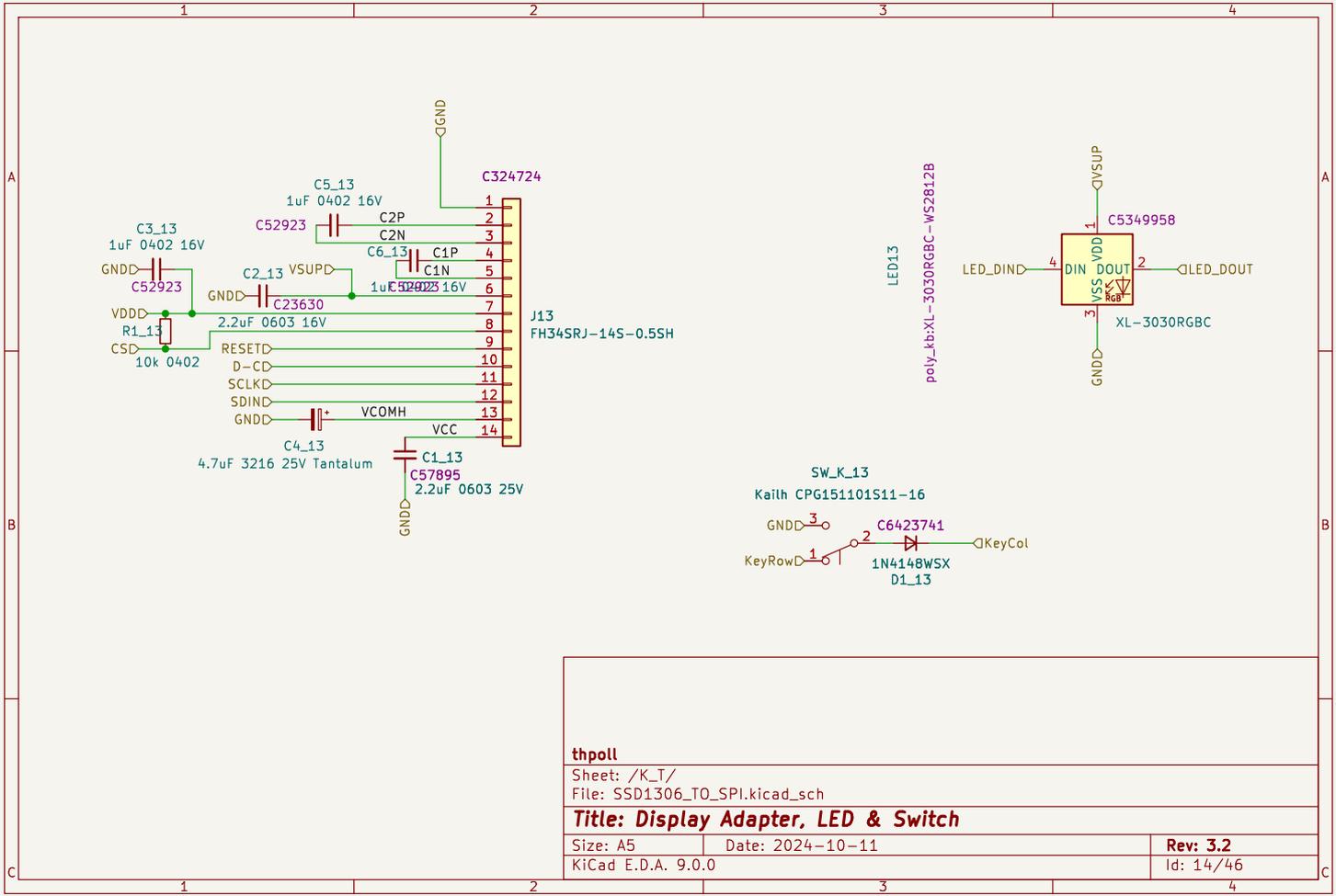
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	Id: 10/46



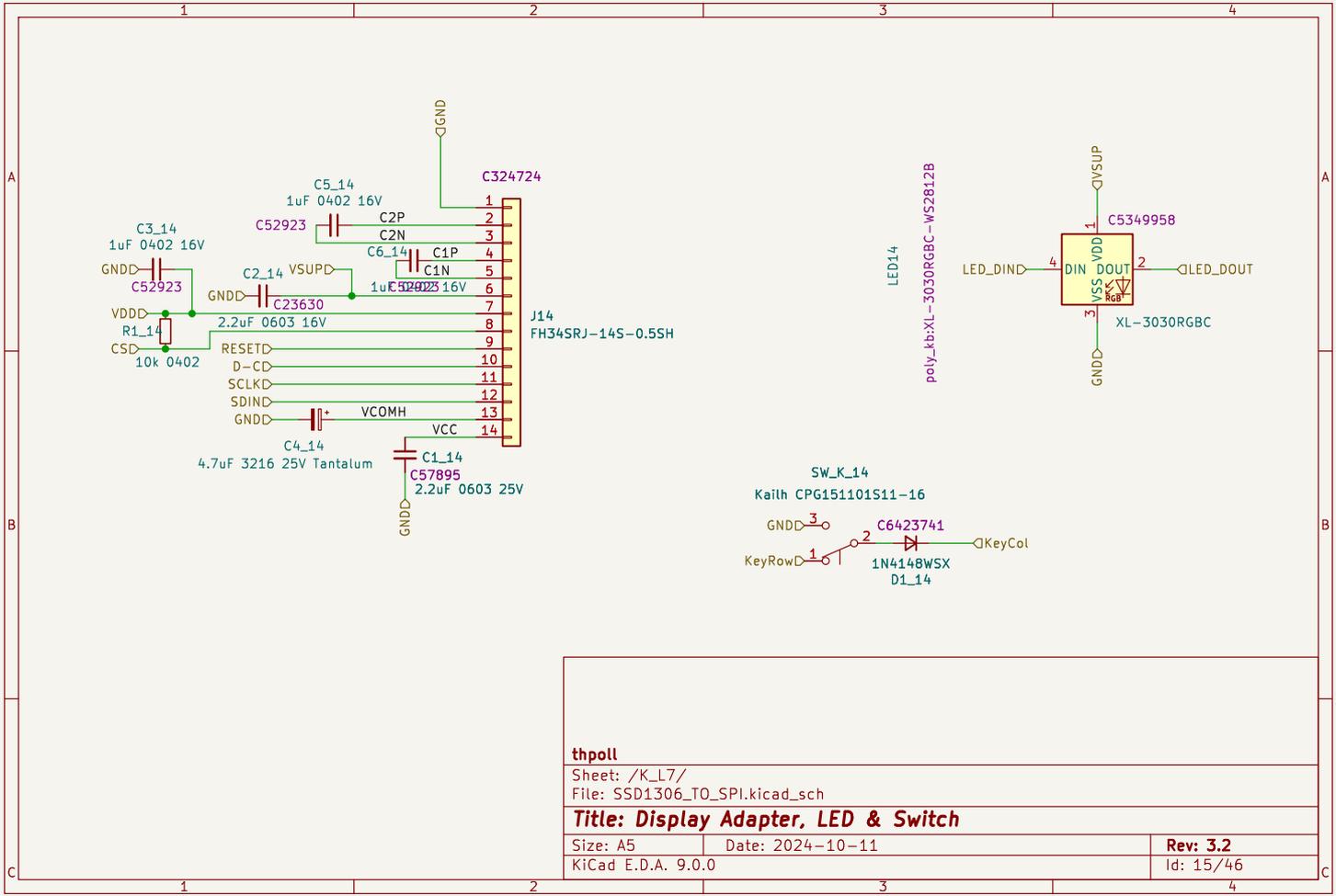
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KiCad E.D.A. 9.0.0	Rev: 3.2
	Id: 12/46



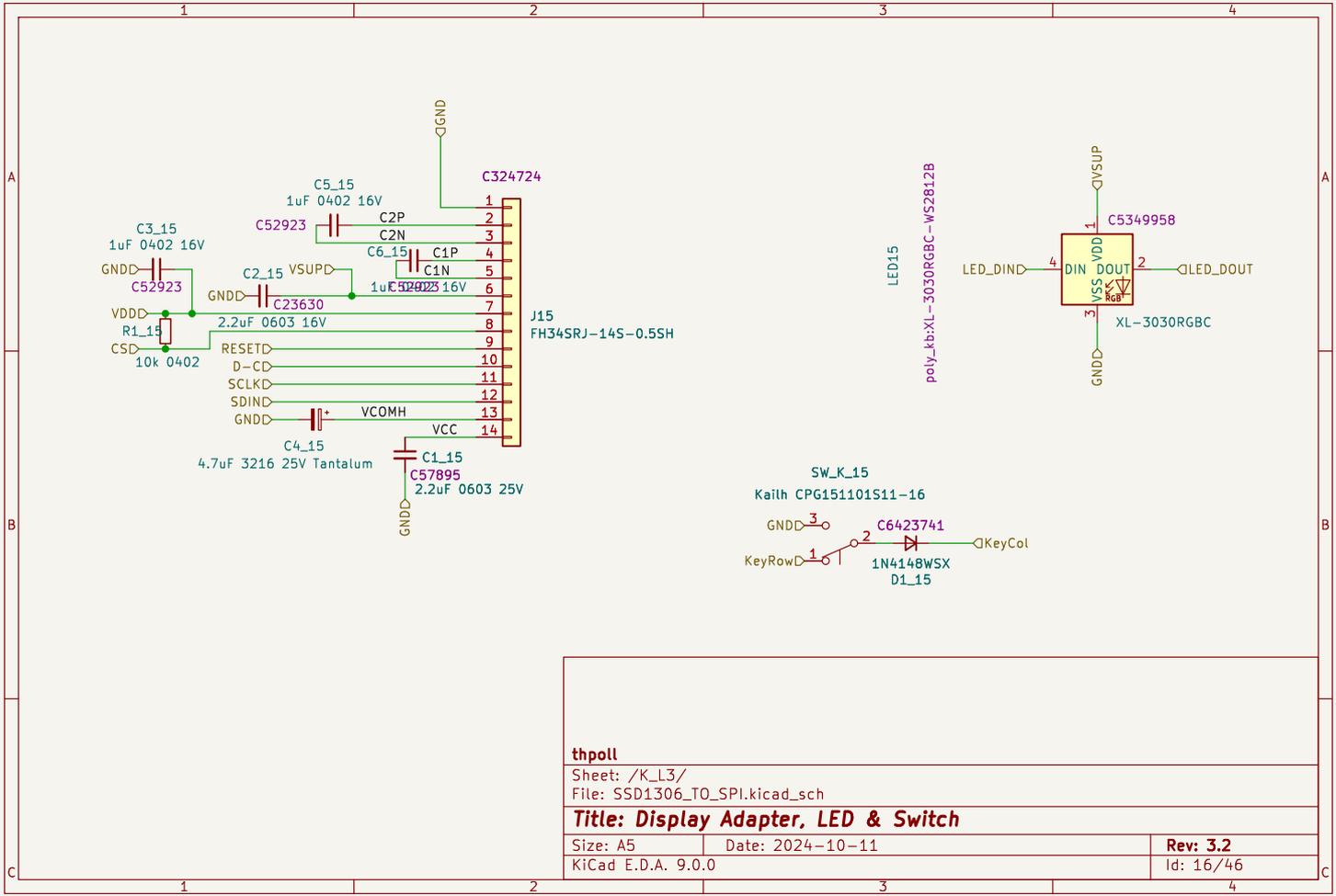
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	Id: 13/46



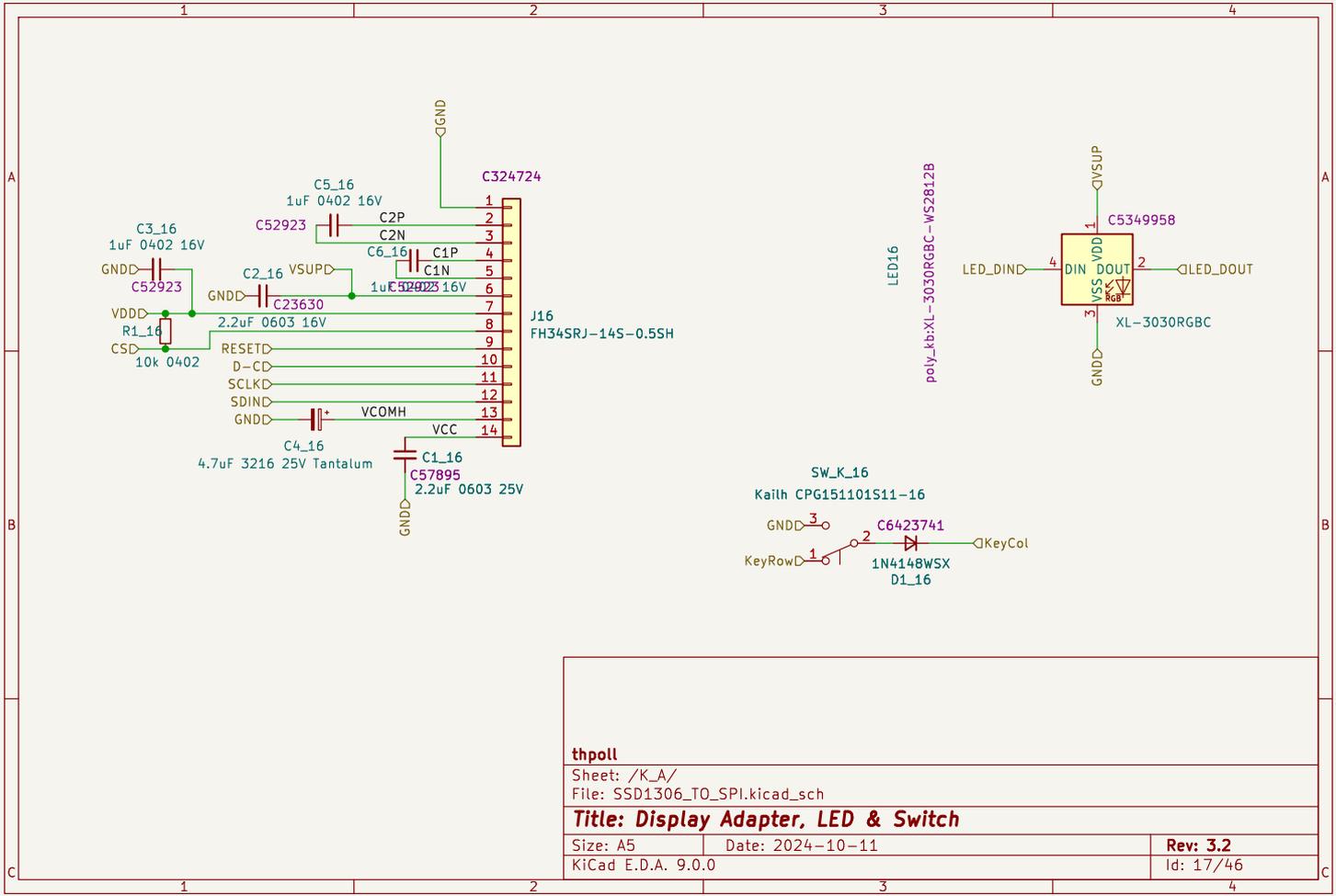
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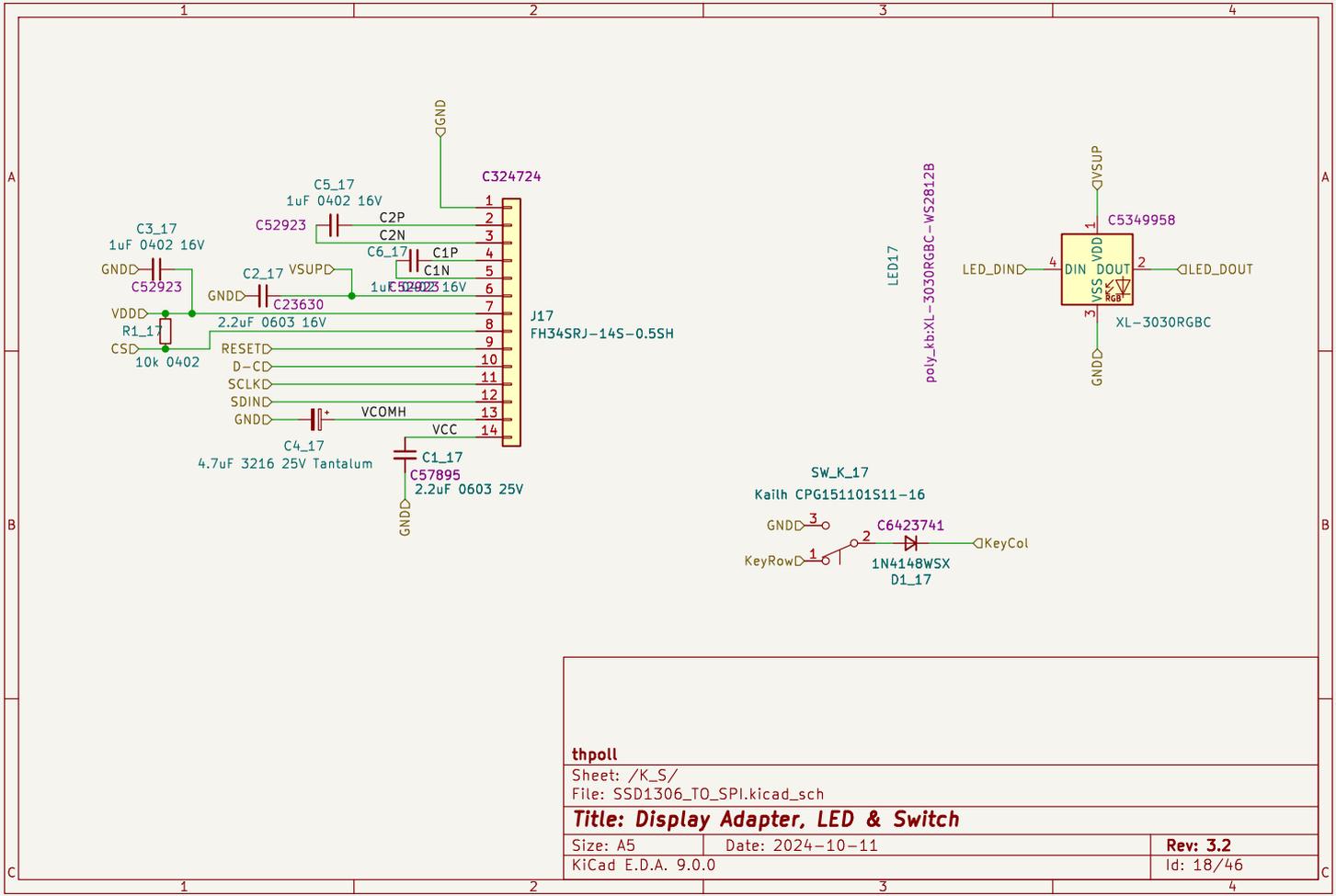
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	Id: 15/46



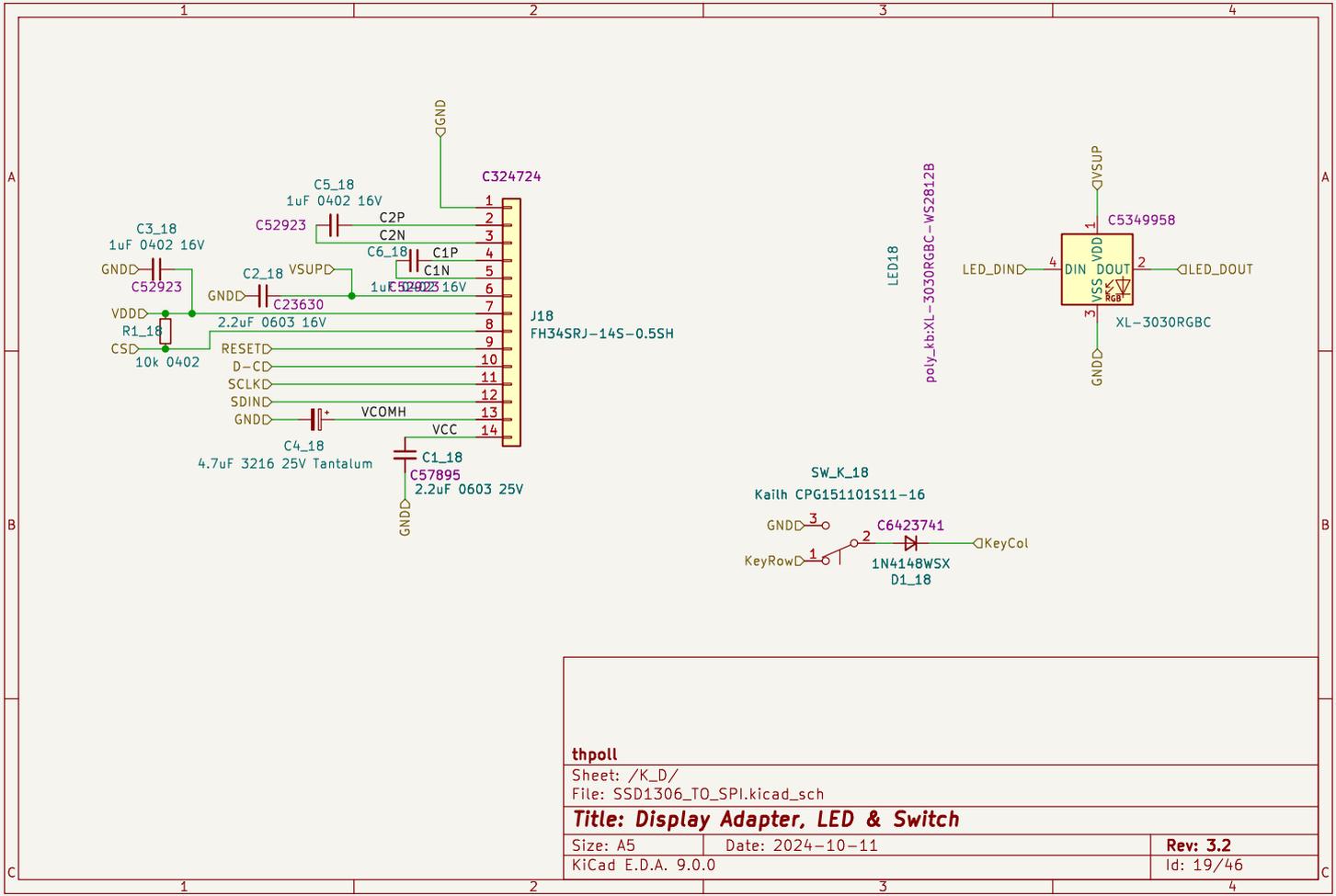
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	Id: 16/46



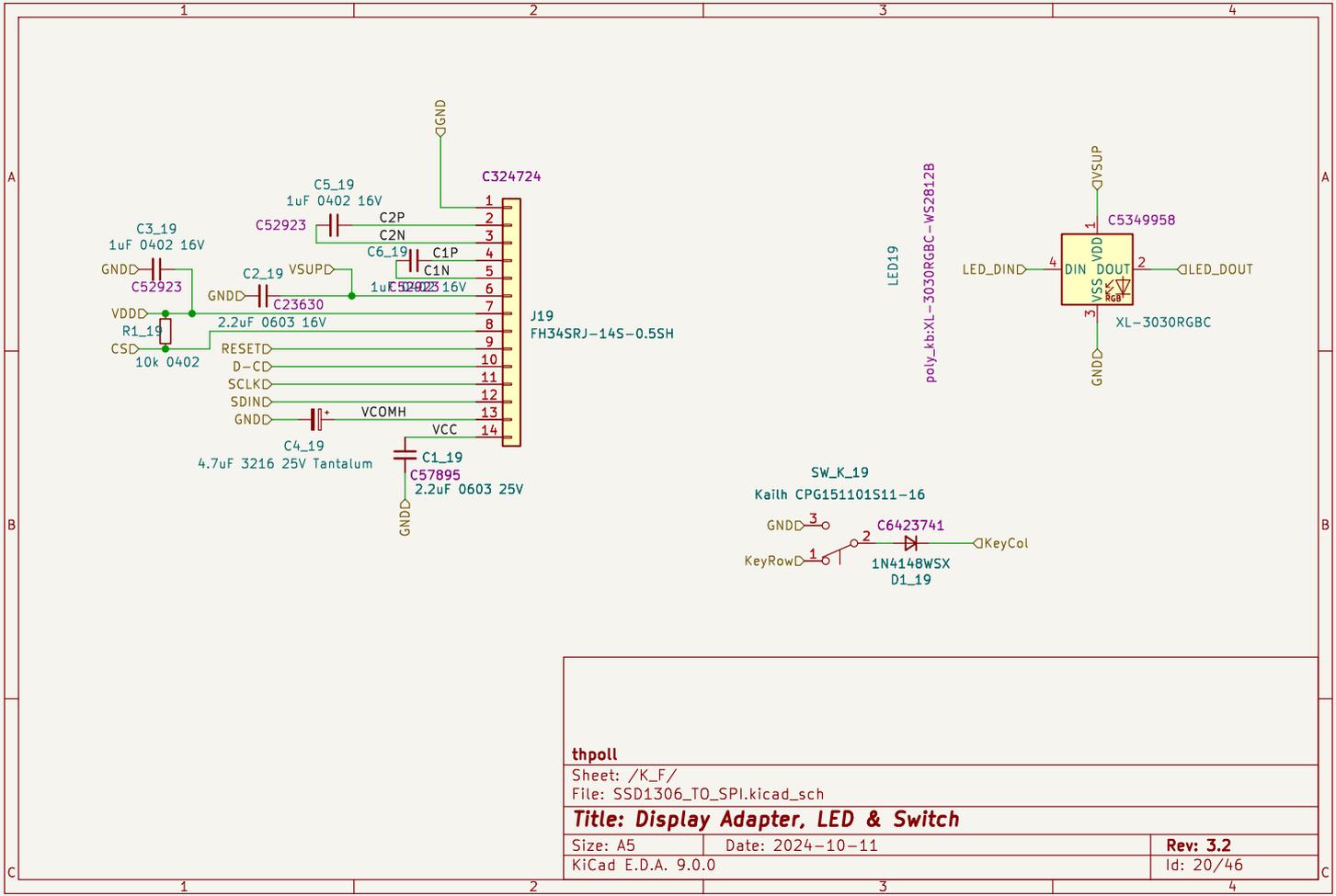
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	Id: 17/46



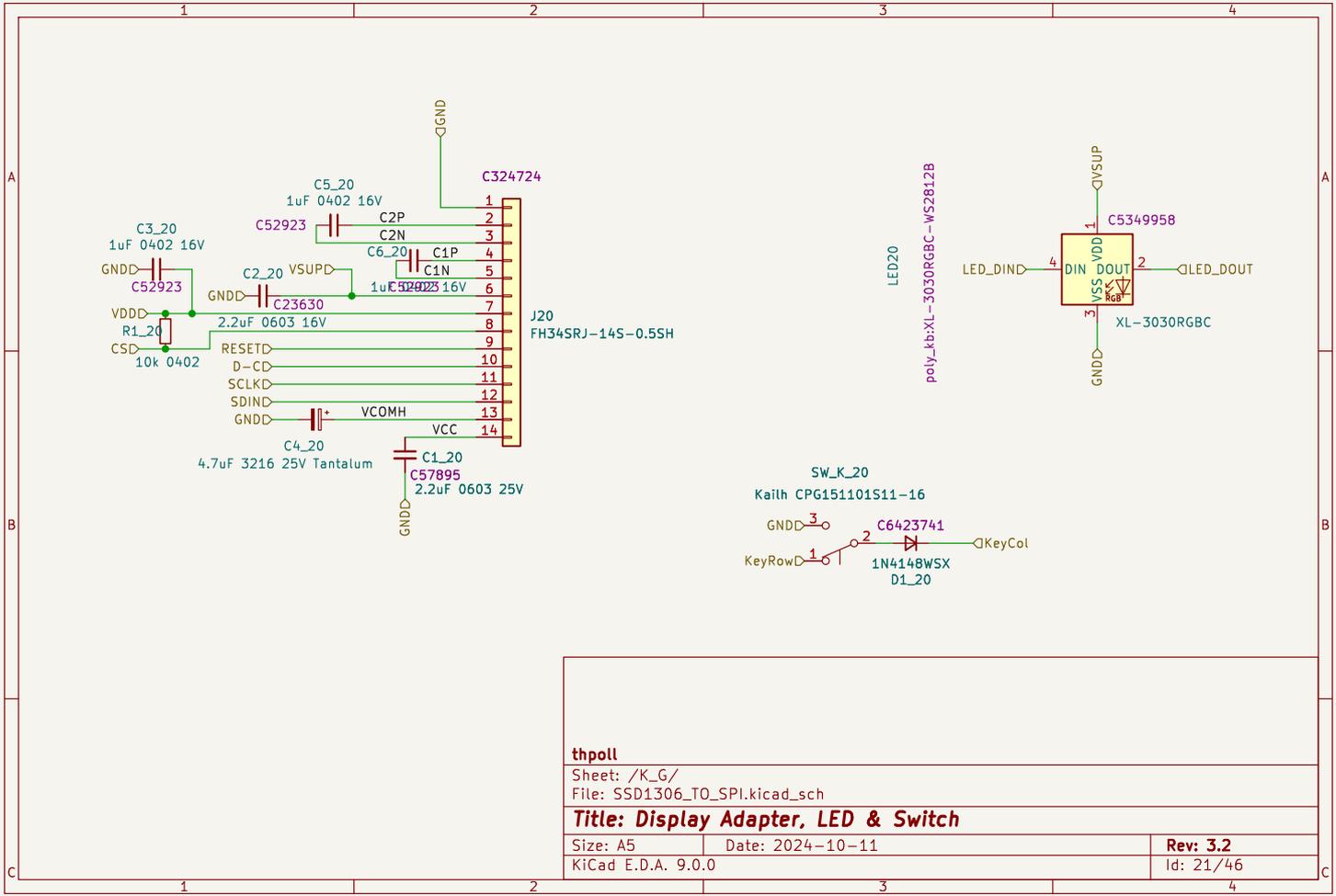
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Size: A5	Date: 2024-10-11
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	Id: 18/46



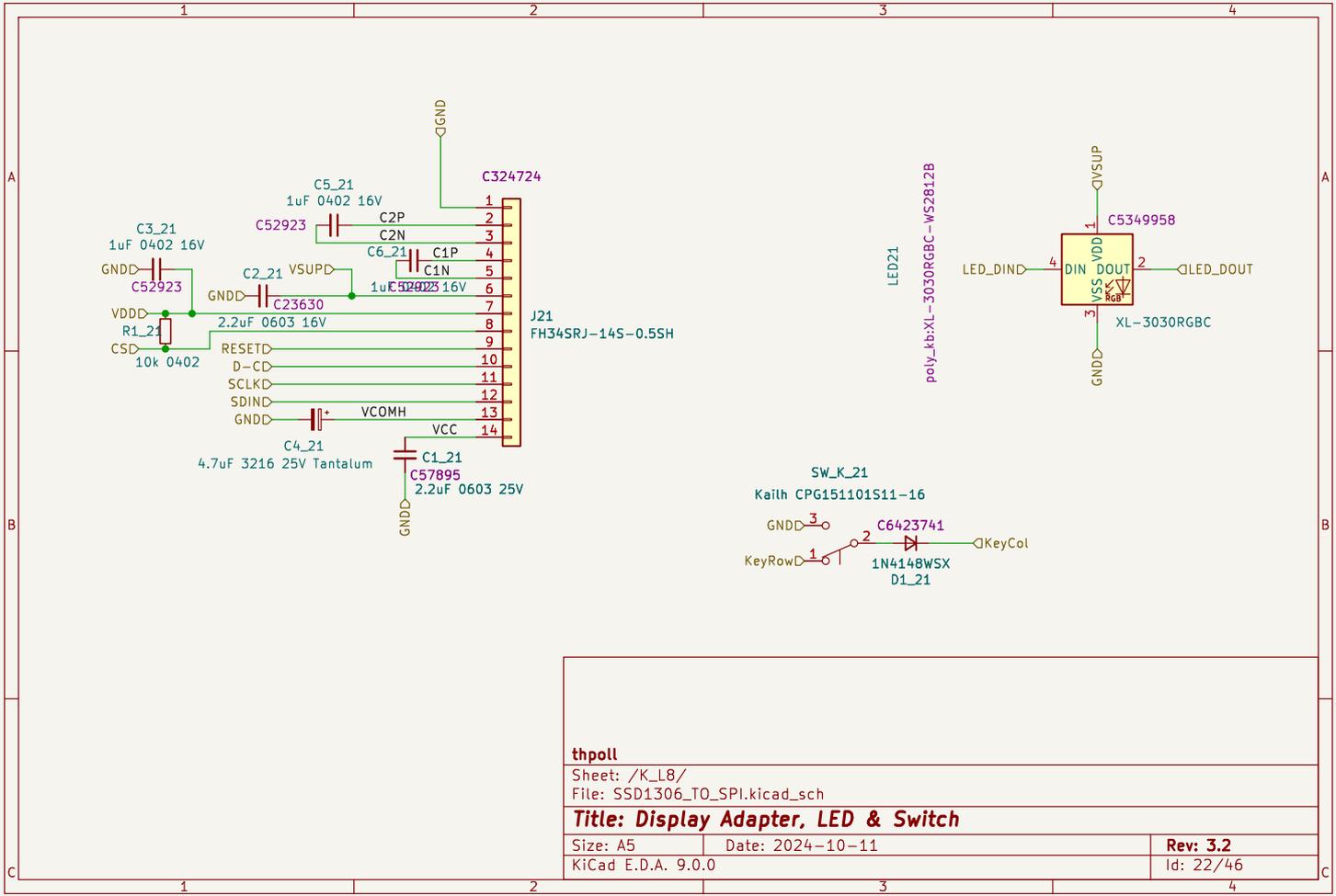
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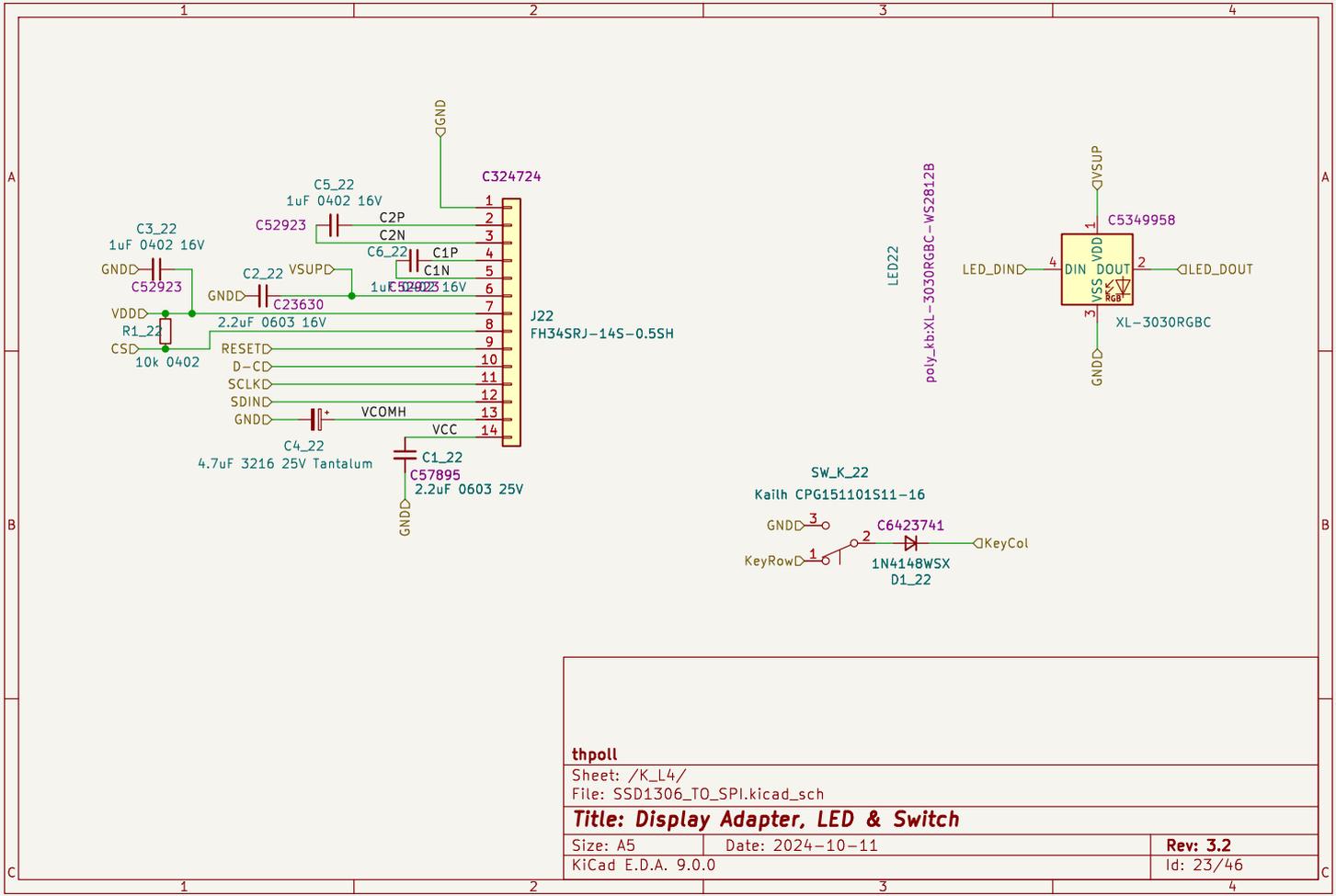
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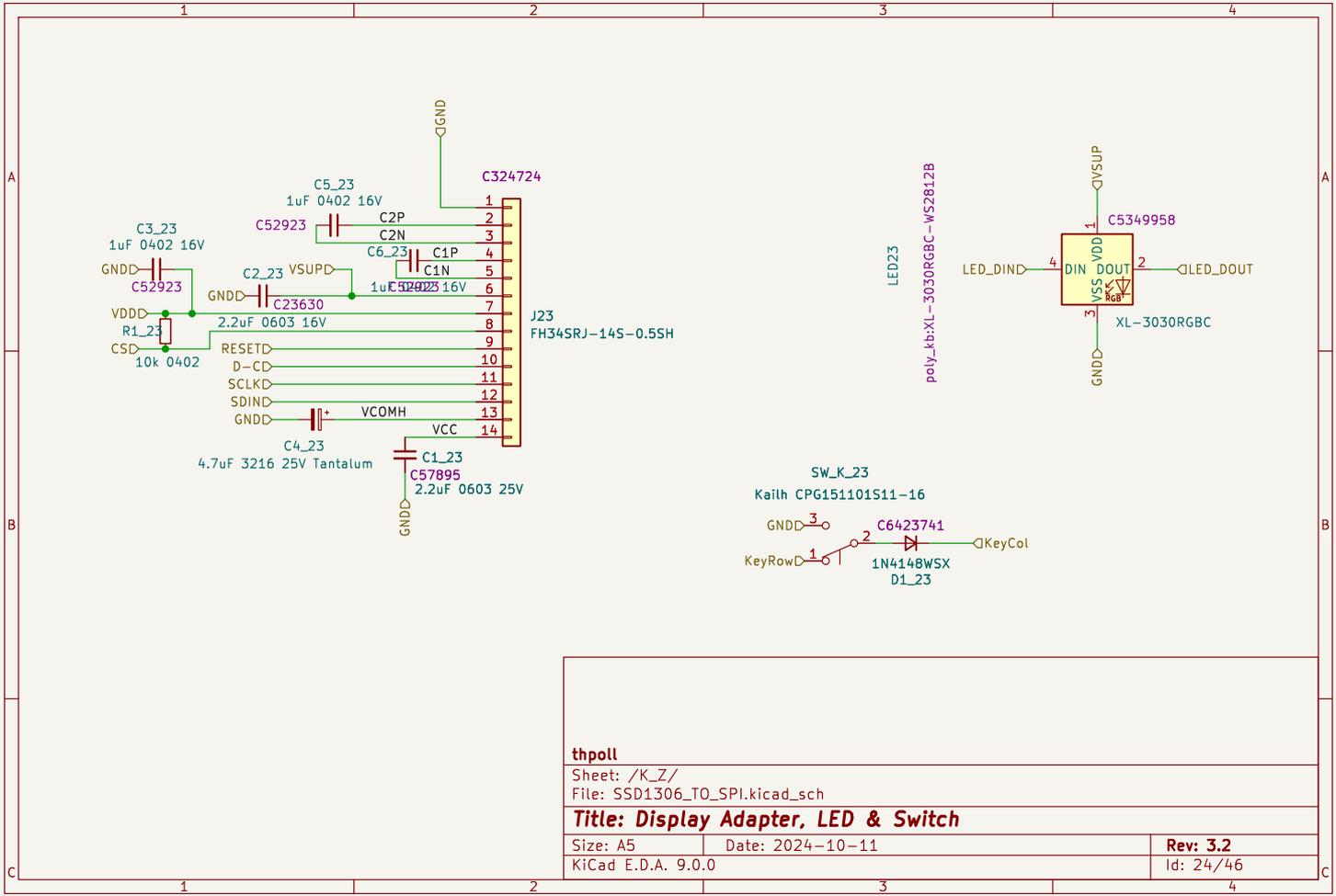
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Size: A5	Date: 2024-10-11
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	Id: 21/46



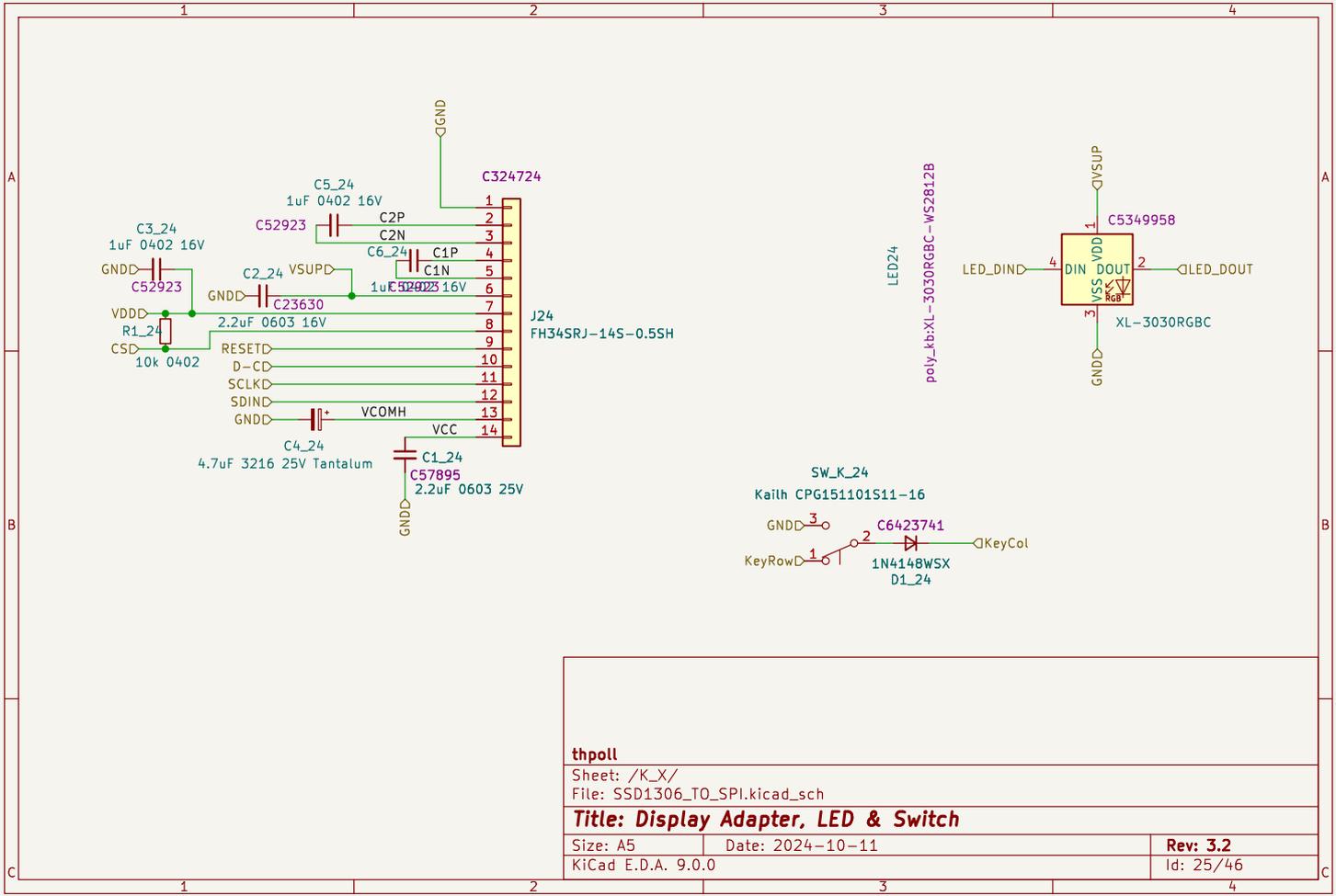
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	Id: 22/46



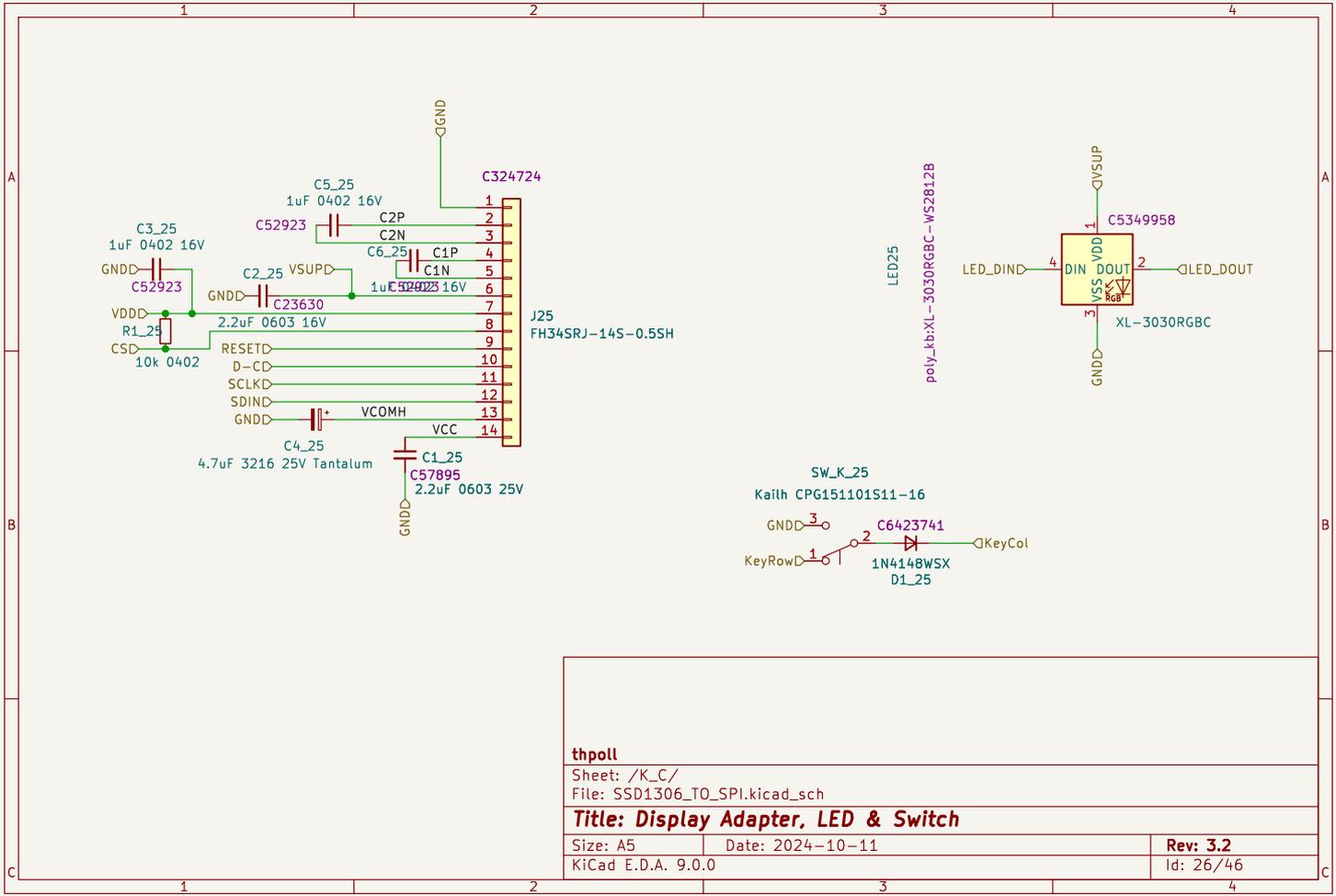
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	Id: 23/46



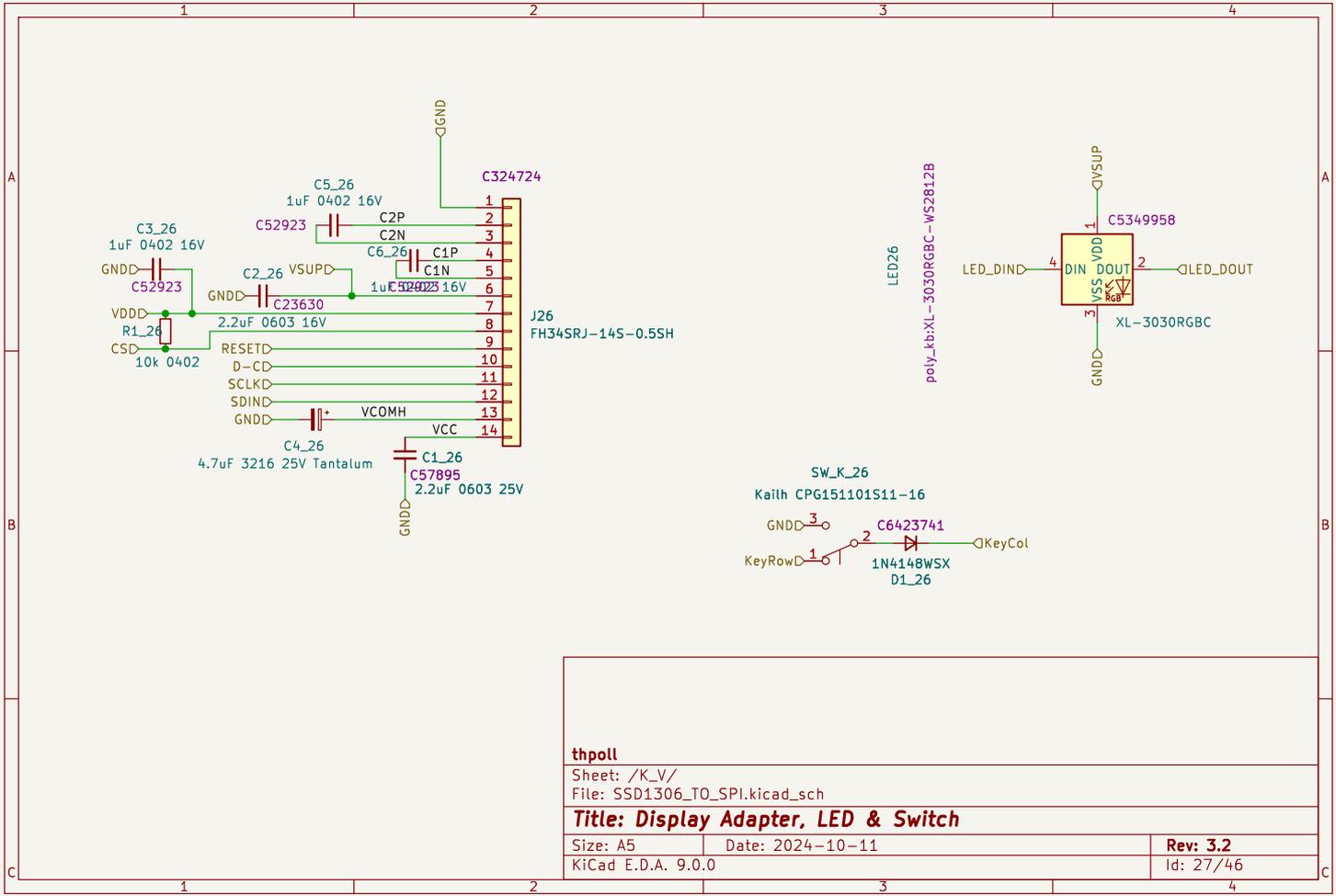
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Size: A5	Date: 2024-10-11
KiCad E.D.A. 9.0.0	Rev: 3.2
	Id: 24/46



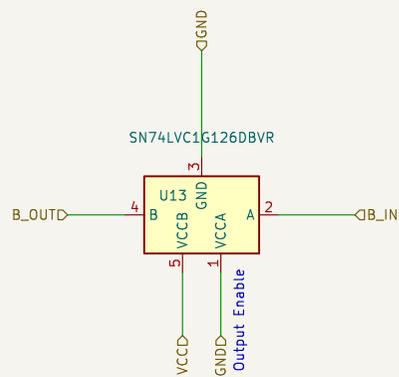
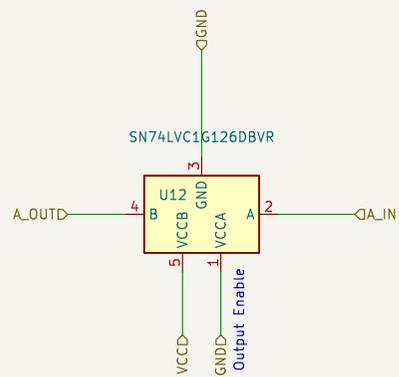
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Size: A5	Date: 2024-10-11
KiCad E.D.A. 9.0.0	Rev: 3.2
	Id: 25/46



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Size: A5	Date: 2024-10-11
KiCad E.D.A. 9.0.0	Rev: 3.2
	Id: 26/46



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Size: A5	Date: 2024-10-11
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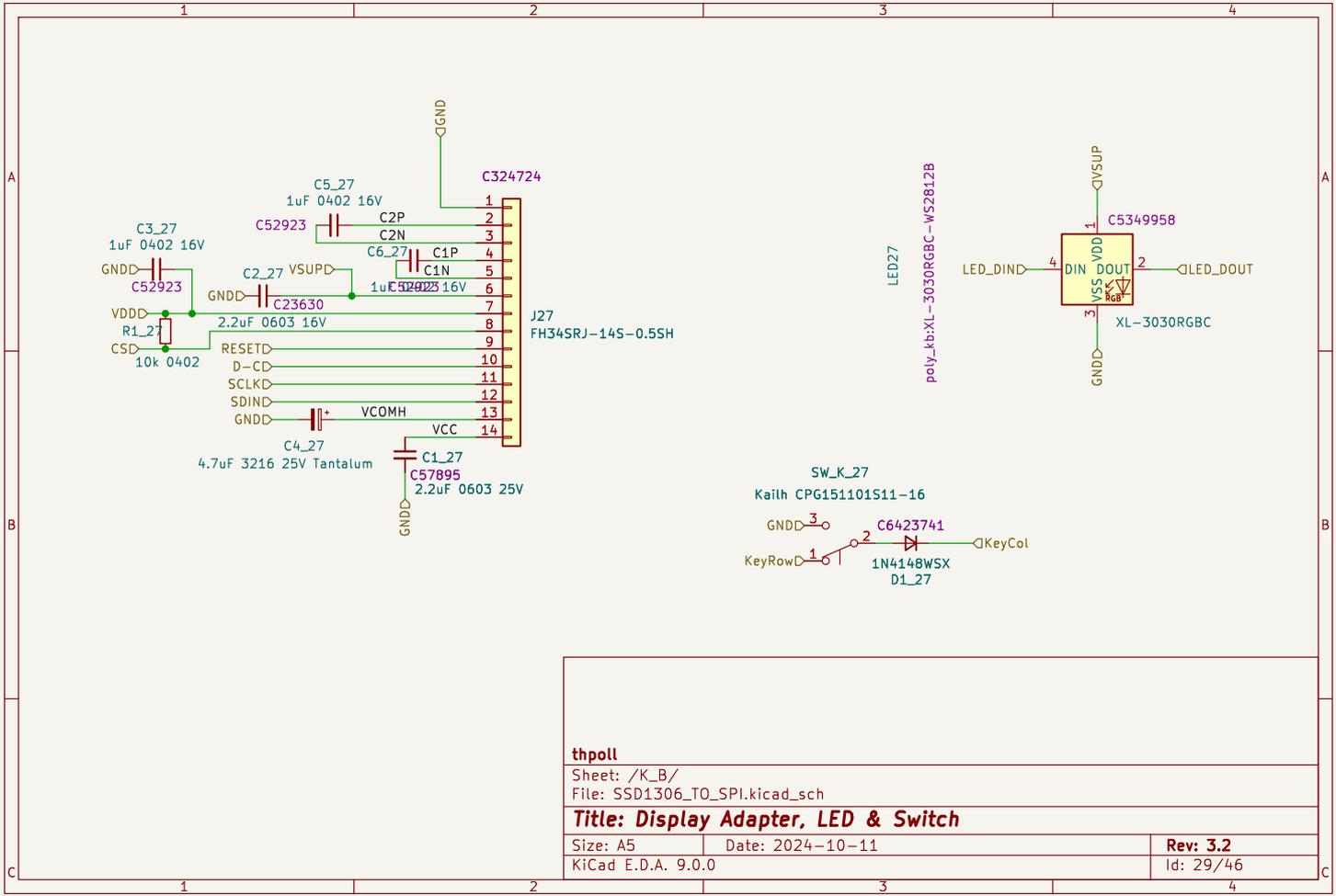
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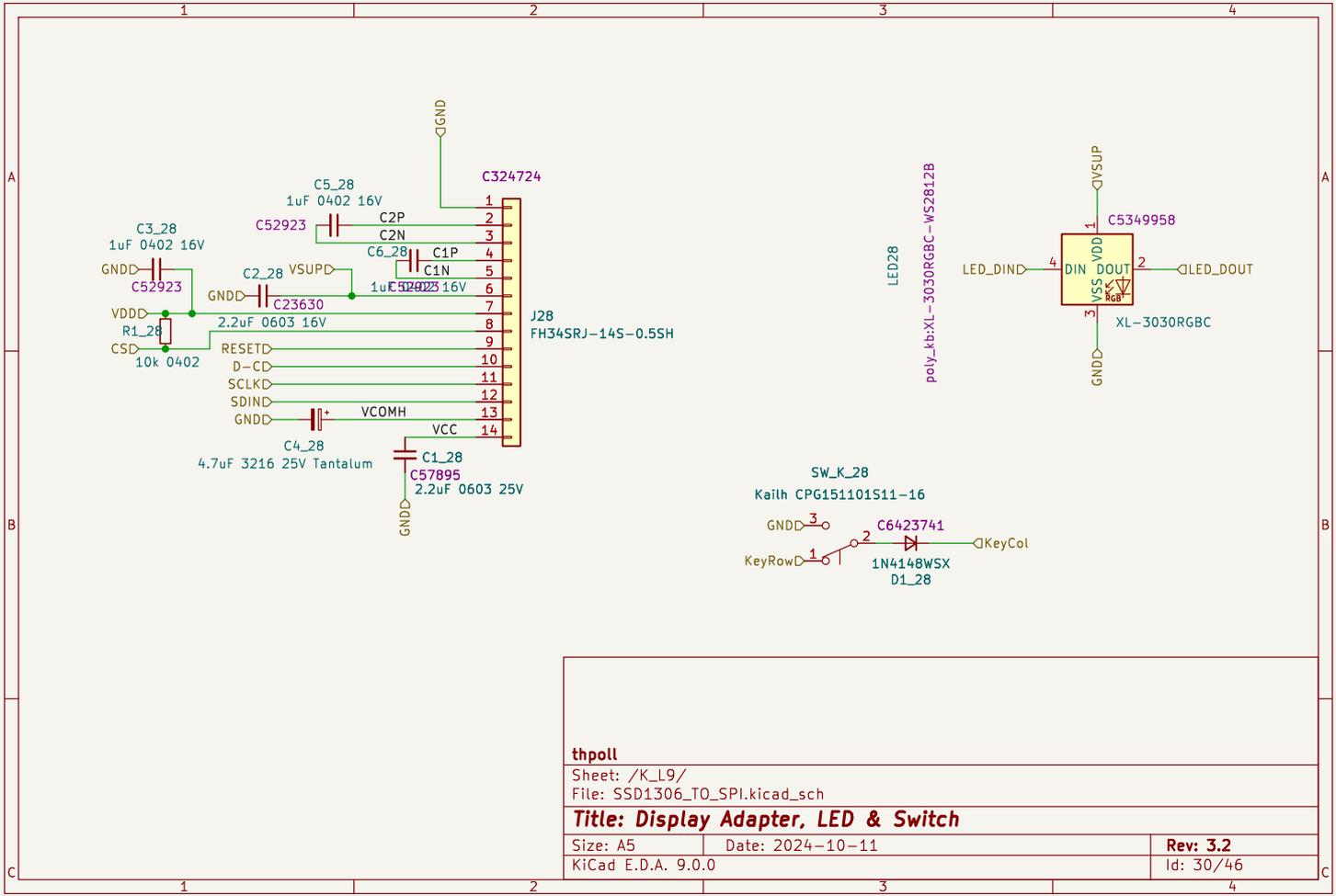
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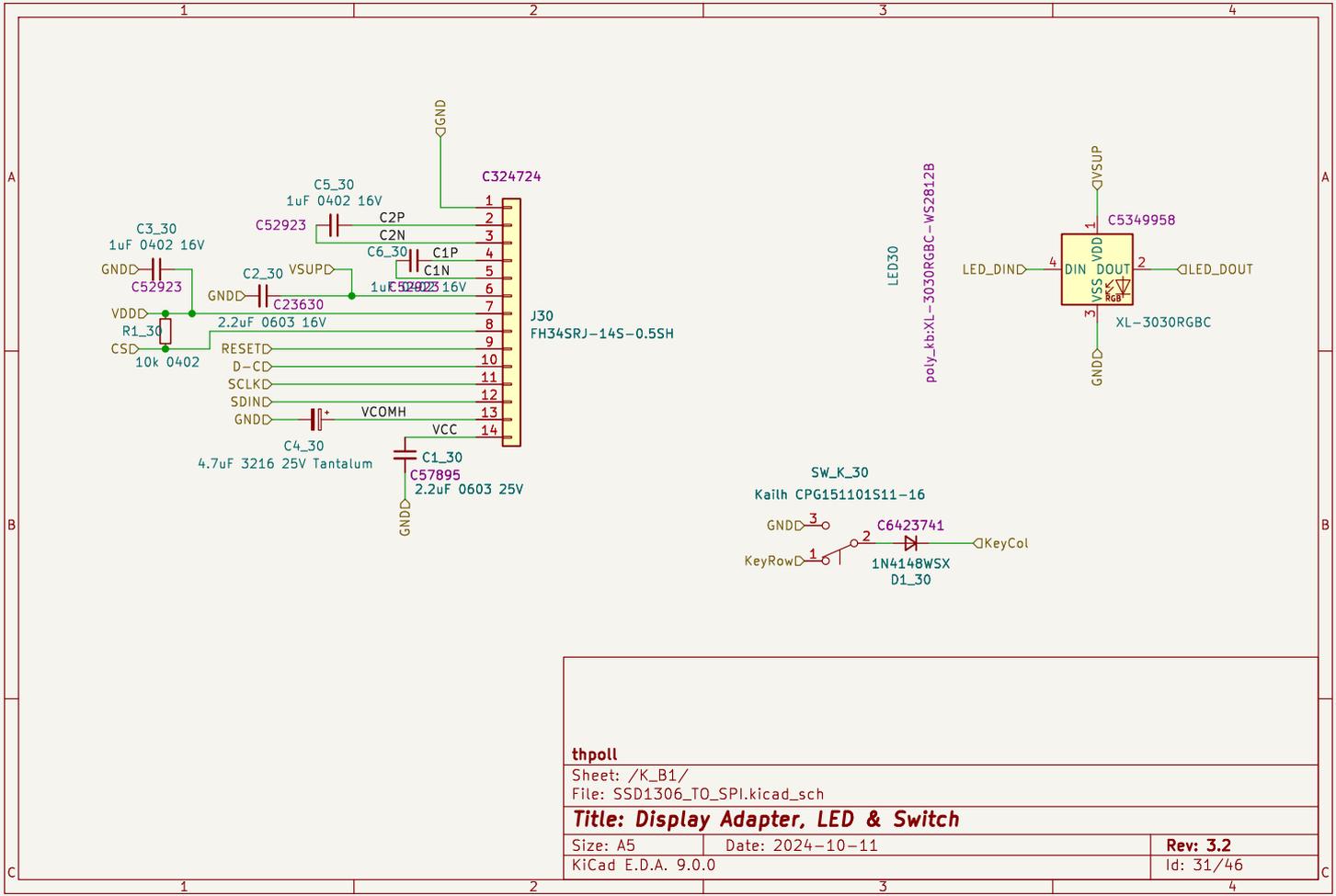
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 Id: 28/46



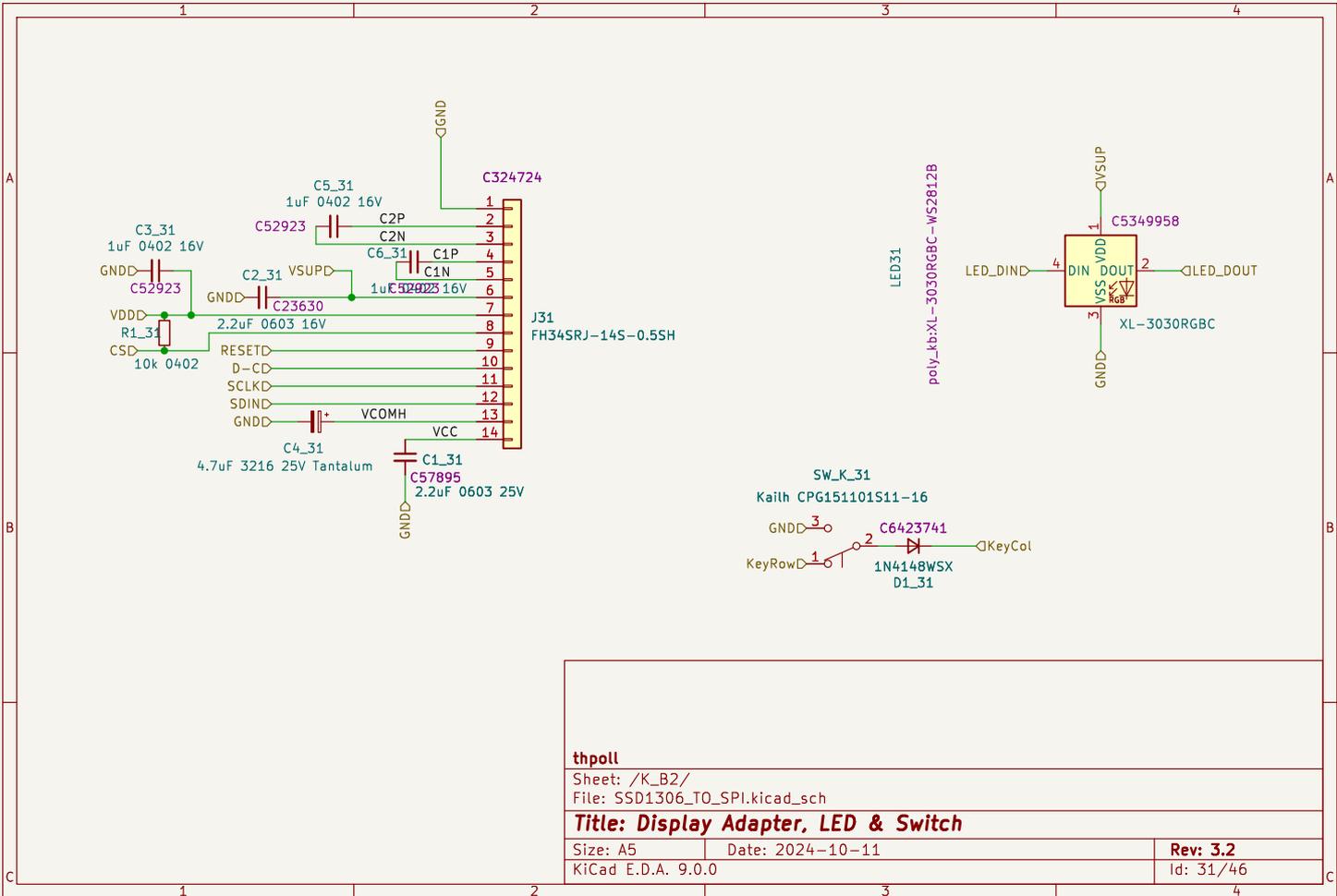
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	Id: 29/46



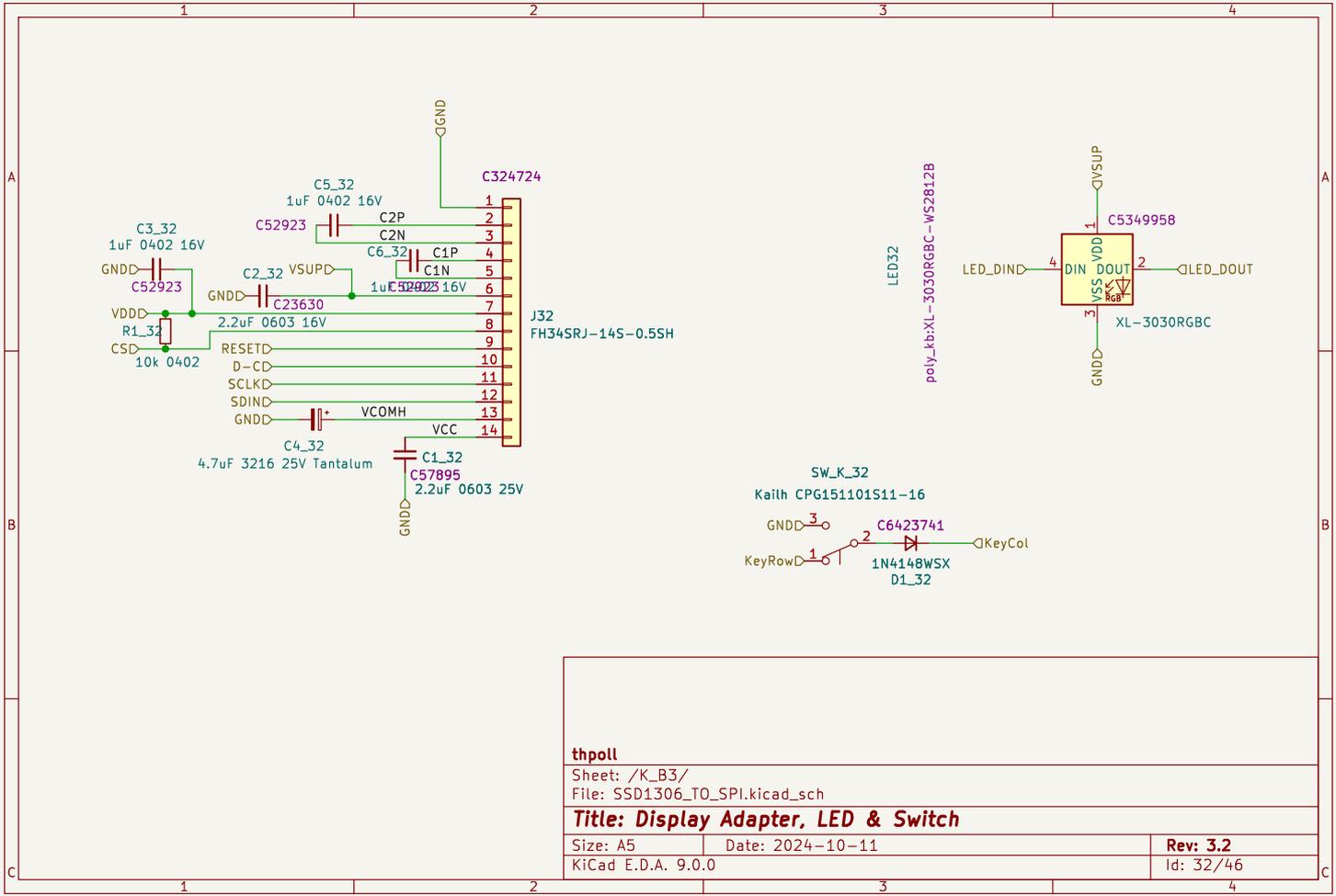
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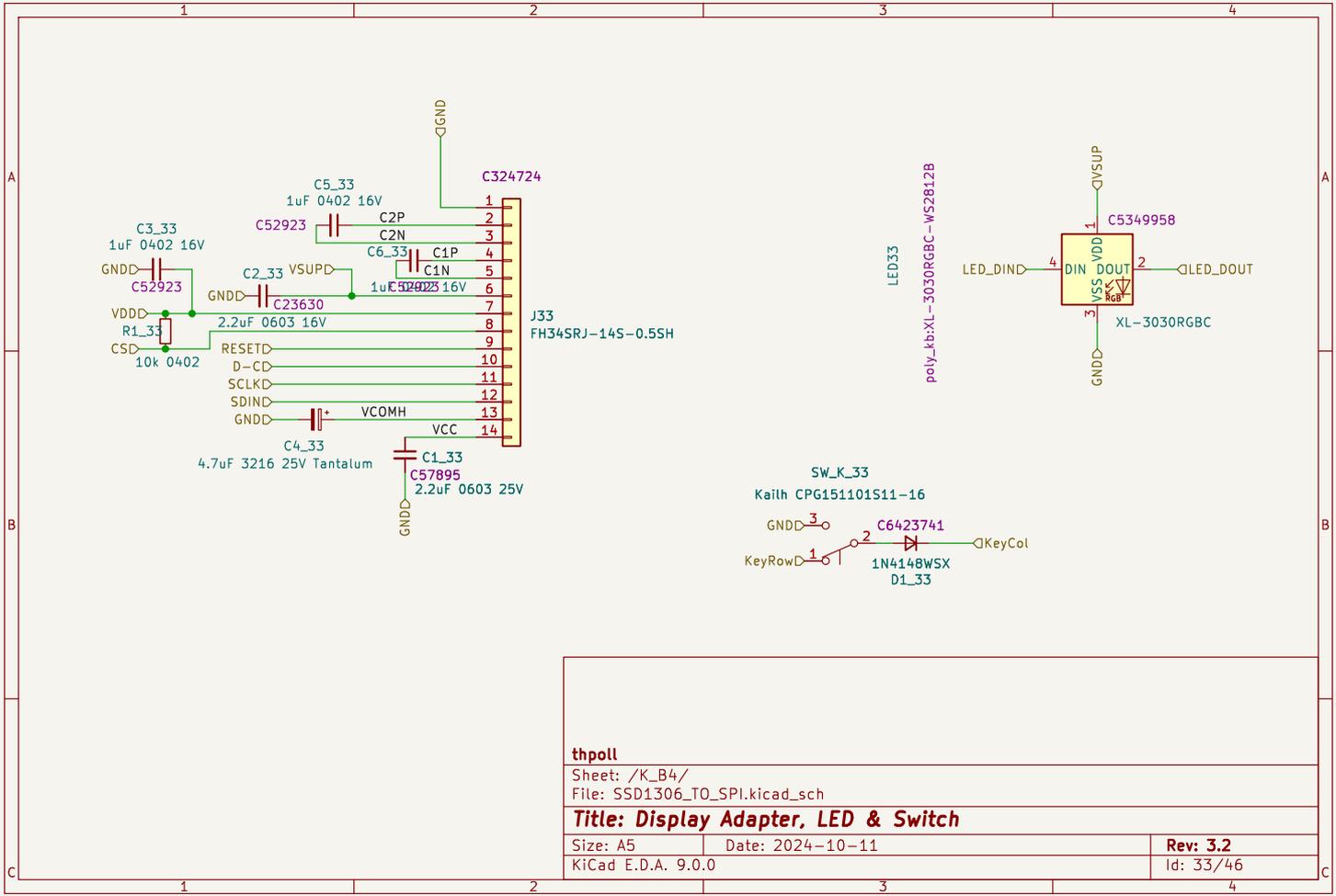
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Size: A5	Date: 2024-10-11
KiCad E.D.A. 9.0.0	Rev: 3.2
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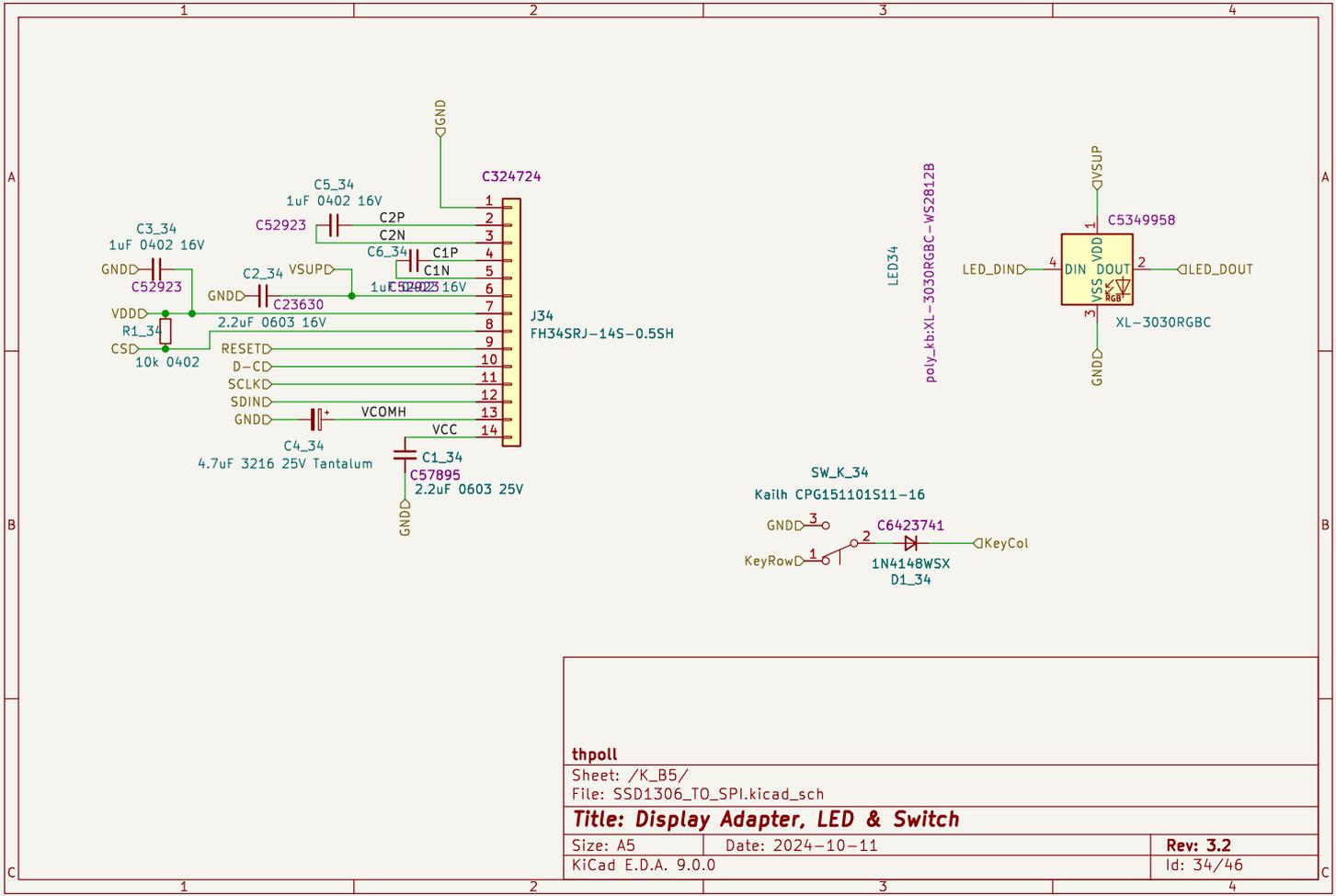
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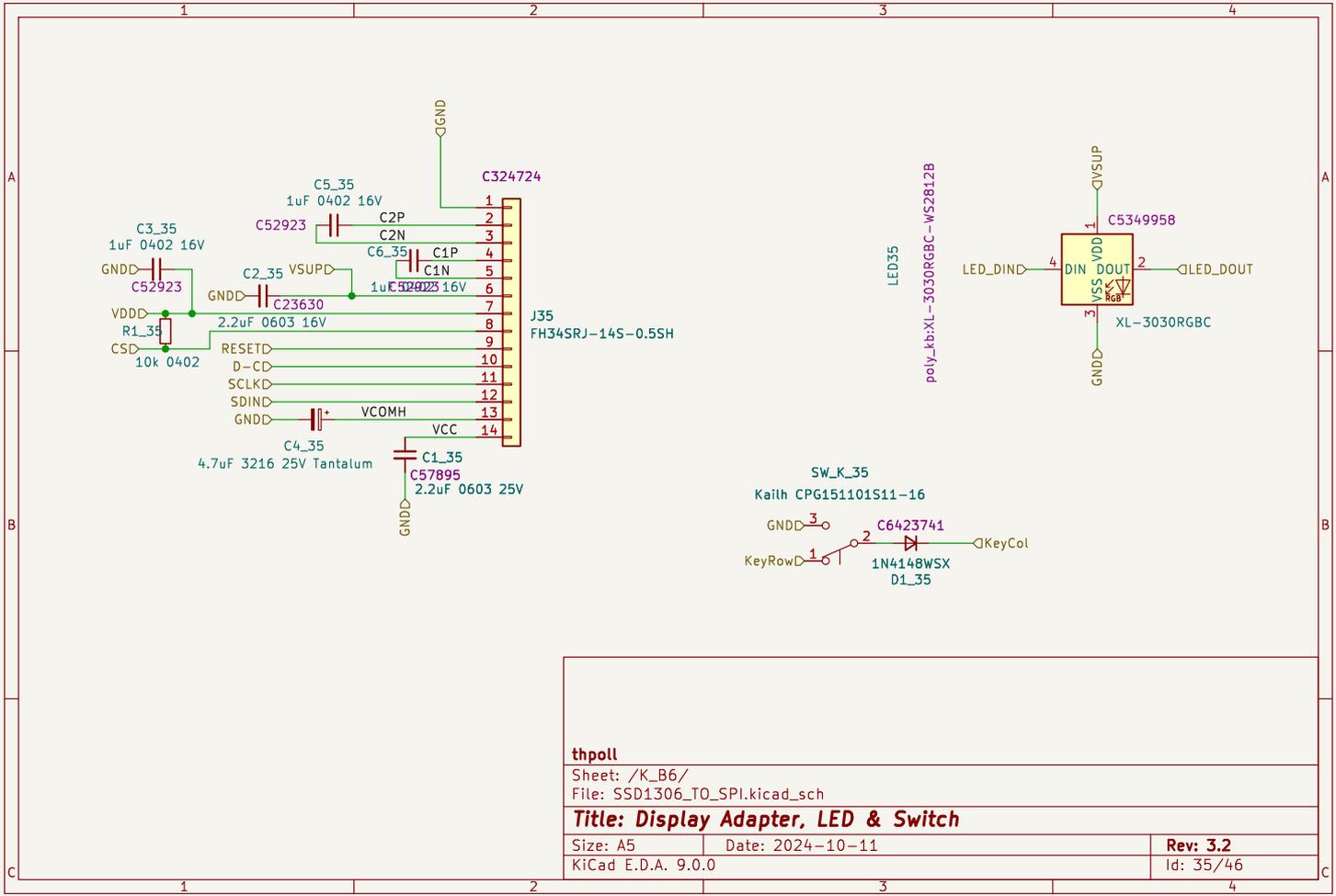
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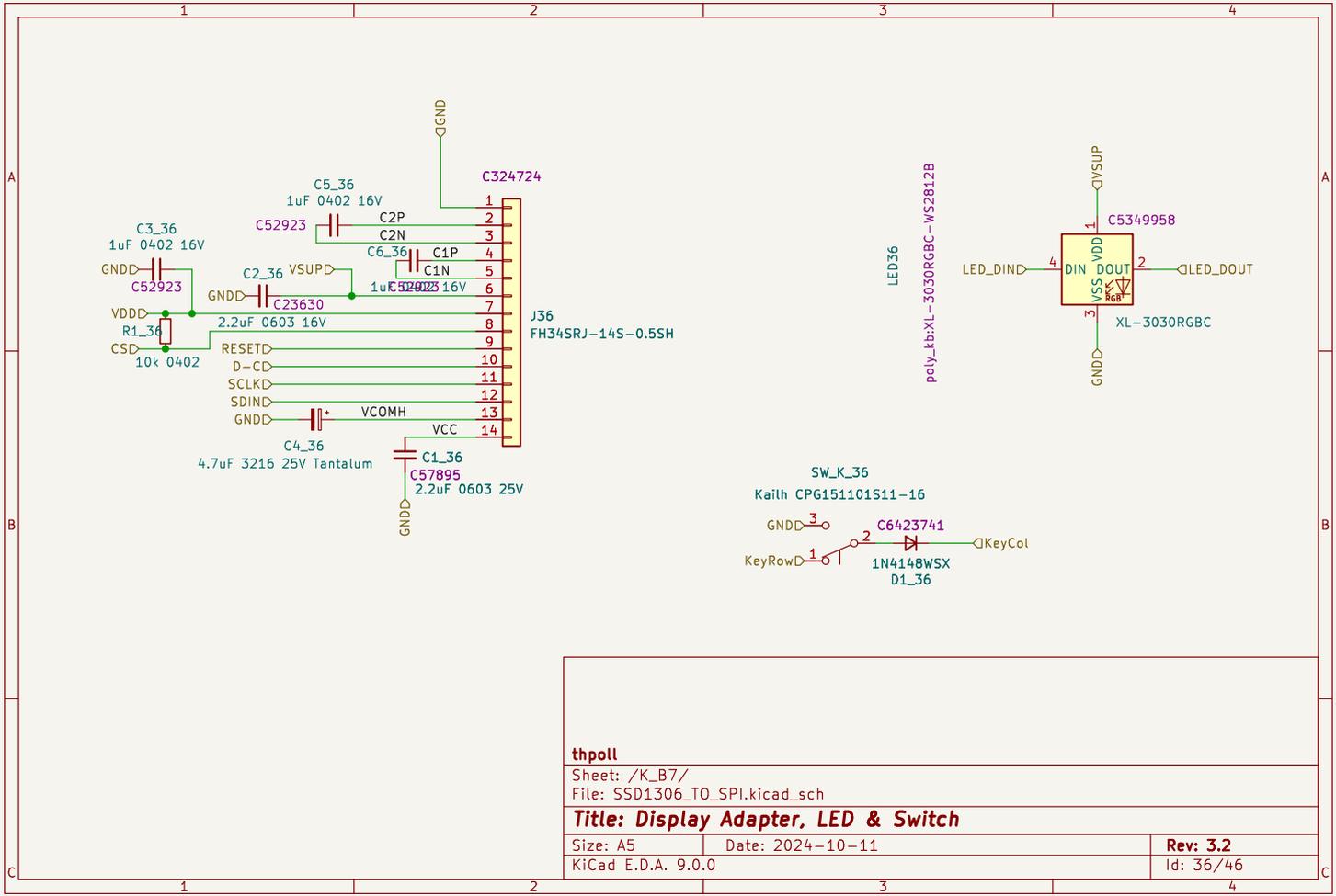
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	Id: 33/46



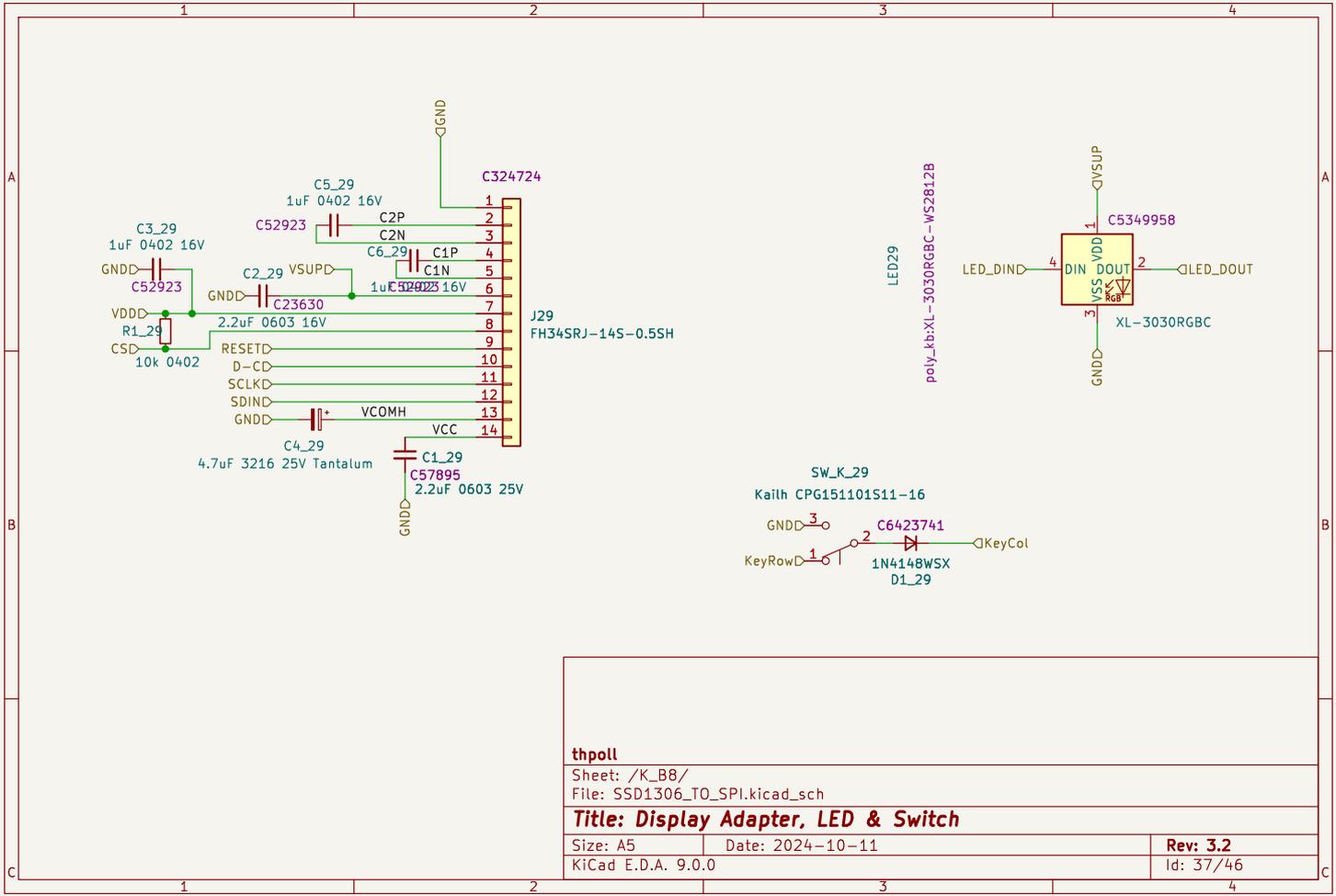
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KiCad E.D.A. 9.0.0	Rev: 3.2
	Id: 34/46



thpoll	
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	Id: 35/46

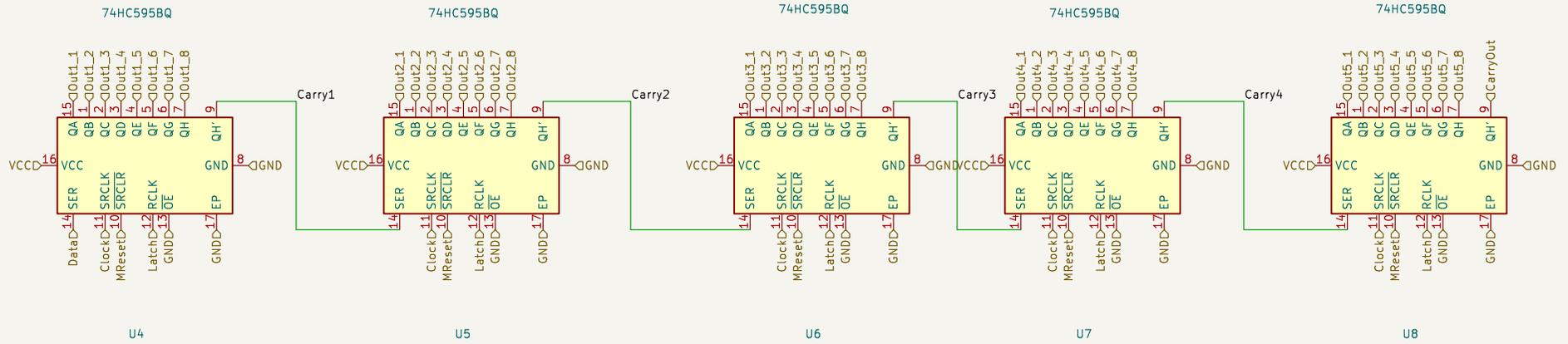


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Size: A5	Date: 2024-10-11
KiCad E.D.A. 9.0.0	Rev: 3.2
	Id: 36/46



thpoll	
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Size: A5	Date: 2024-10-11
KiCad E.D.A. 9.0.0	Rev: 3.2
	Id: 37/46

poly_kb:Nexperia 74HC595BQ DHVQFN16



Sheet: /ShiftRegisters/
File: shift_registers.kicad_sch

Title: Shift Registers

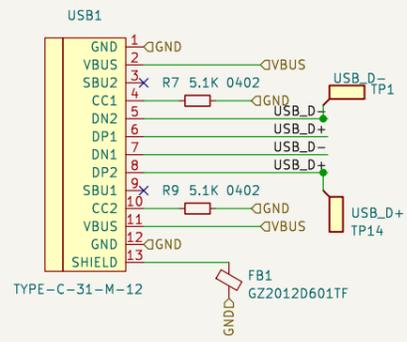
Size: A4 Date: 2024-10-11

KiCad E.D.A. 9.0.0

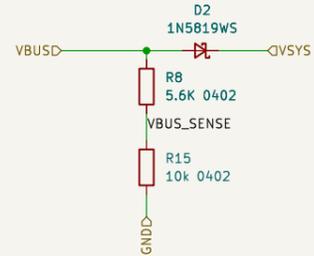
Rev: 3.2

Id: 38/46

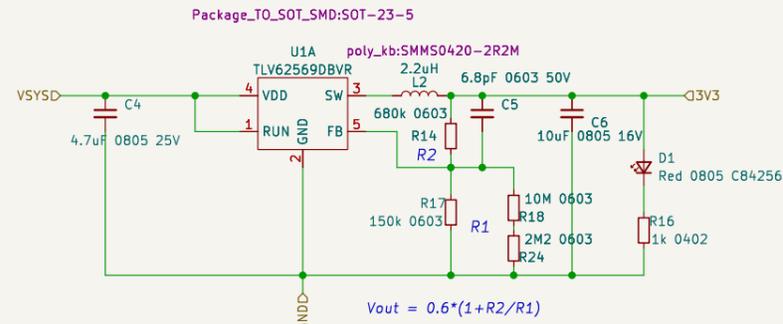
USB-C Connection



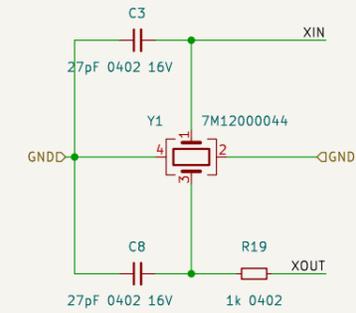
VSYS / VBUS_SENSE



3V3 Power Supply

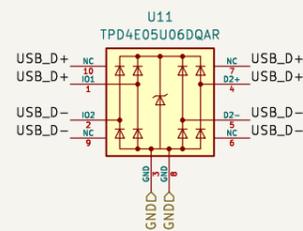


XTAL

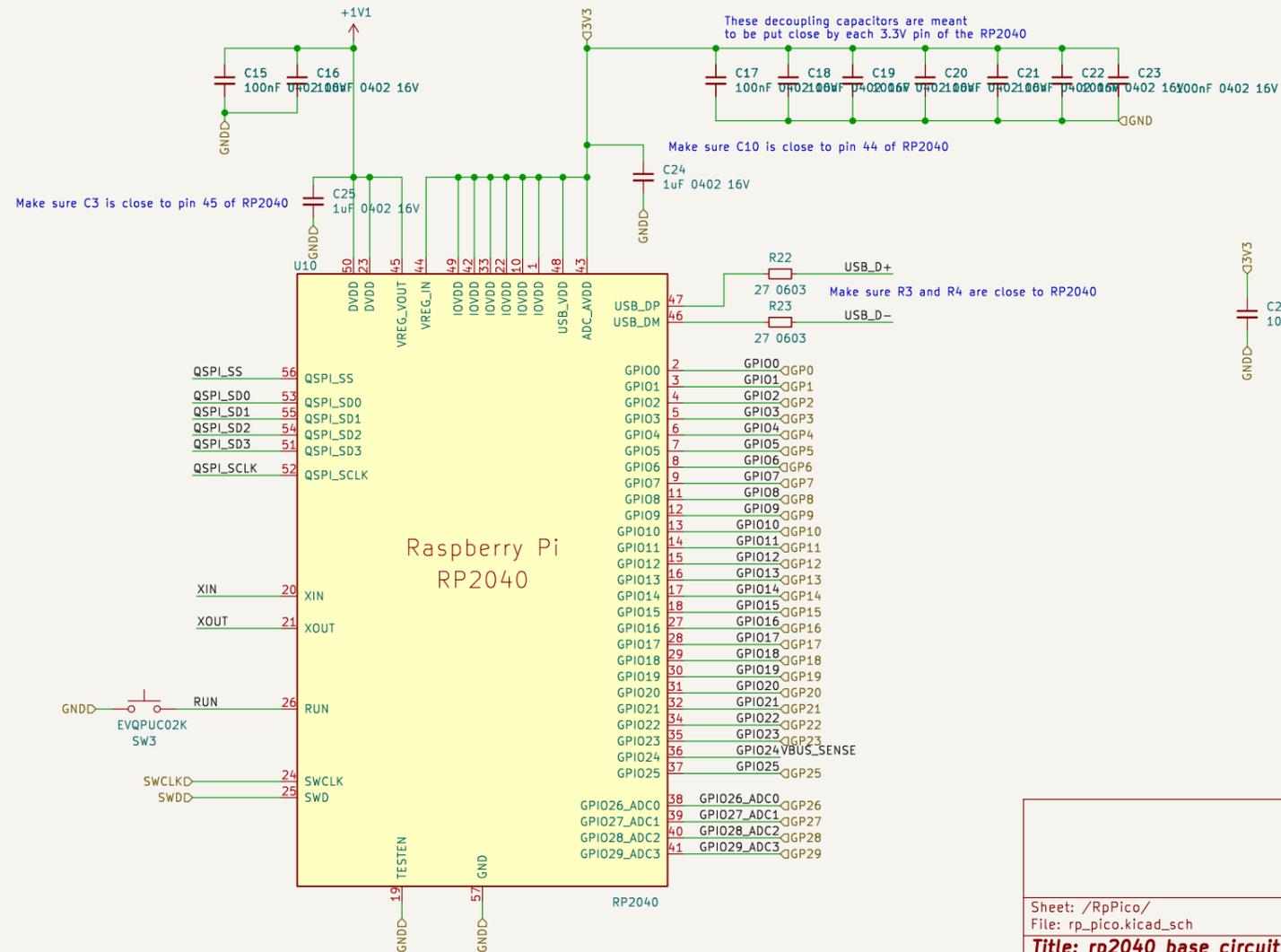
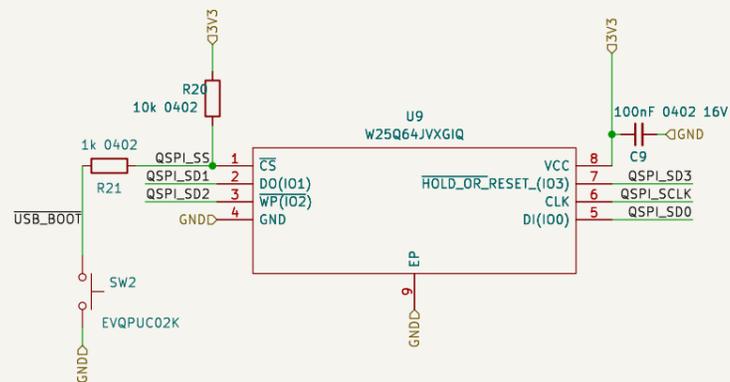


1K resistor to prevent overdriving of the crystal as per the minimal design example

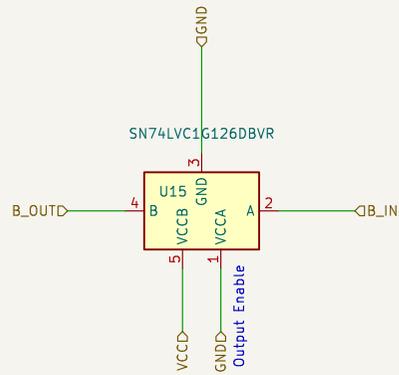
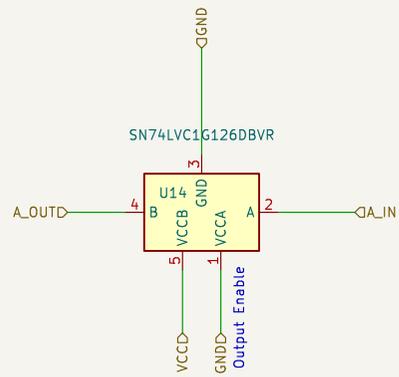
ESD



Flash Memory



Sheet: /RpPico/		
File: rp_pico.kicad_sch		
Title: rp2040 base circuit		
Size: A3	Date: 2024-10-11	Rev: 3.2
KiCad E.D.A. 9.0.0		Id: 39/46



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 File: ni_buffer2.kicad_sch

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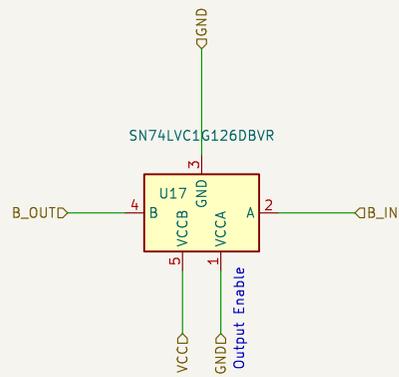
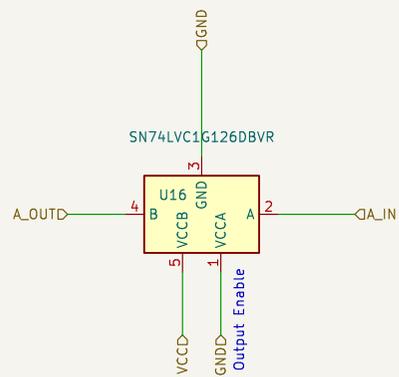
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Date:

Rev:

KiCad E.D.A. 9.0.0

Id: 40/46



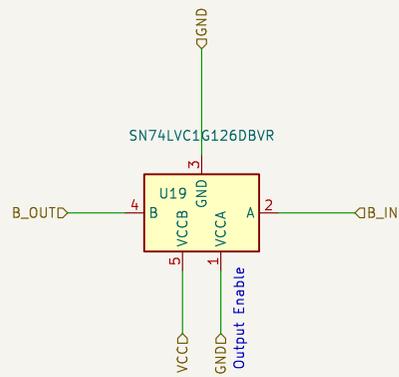
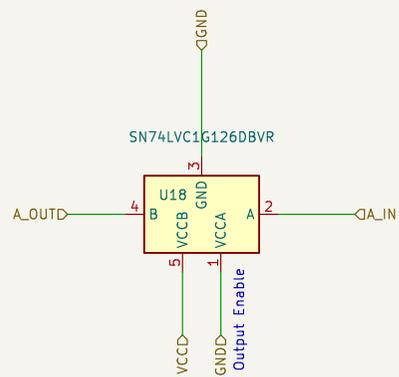
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Title:

Size: A4
 KiCad E.D.A. 9.0.0

Date:

Rev:
 Id: 41/46



Sheet: /NonInvertingBuffer3/
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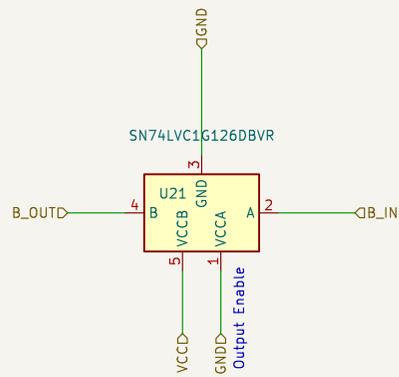
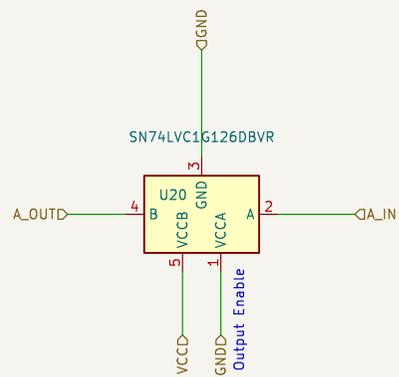
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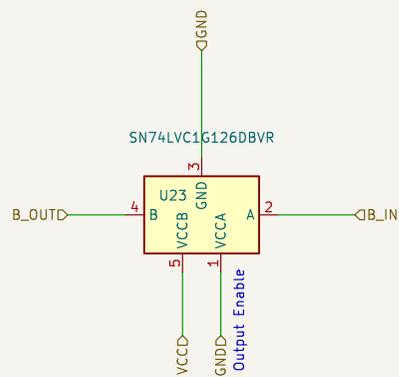
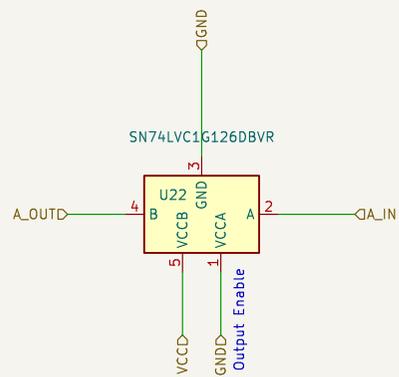
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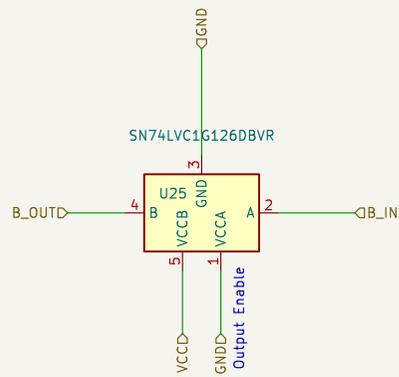
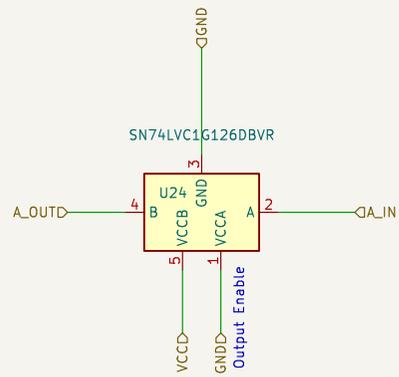
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