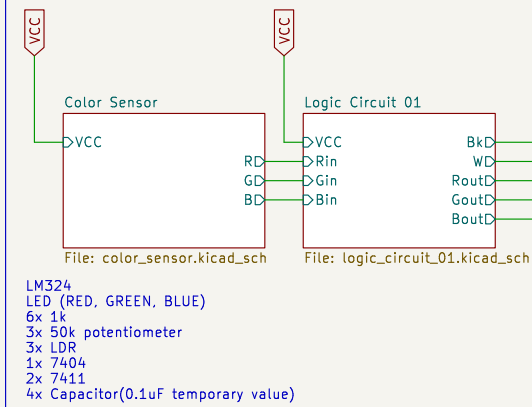
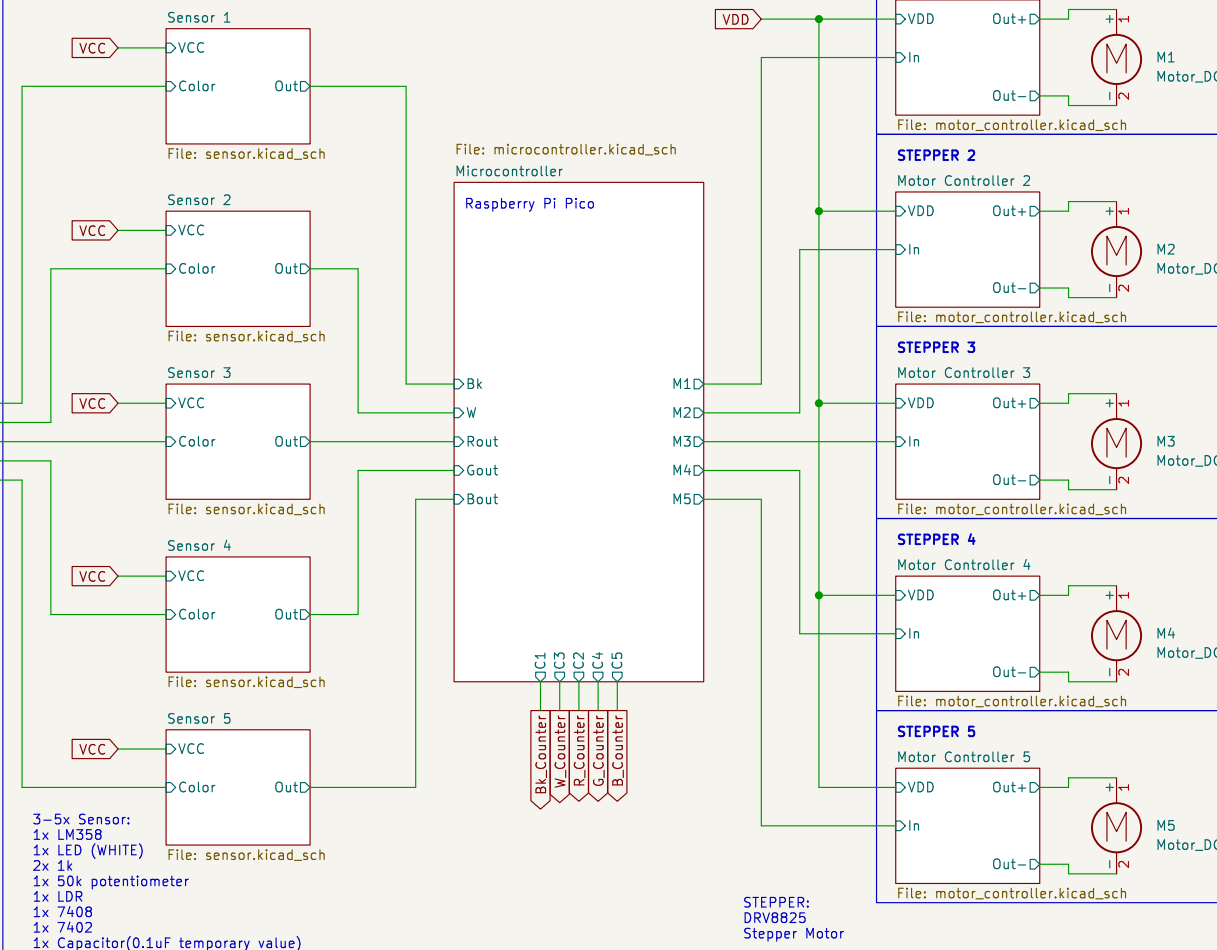


COLOR SENSOR



SORTER



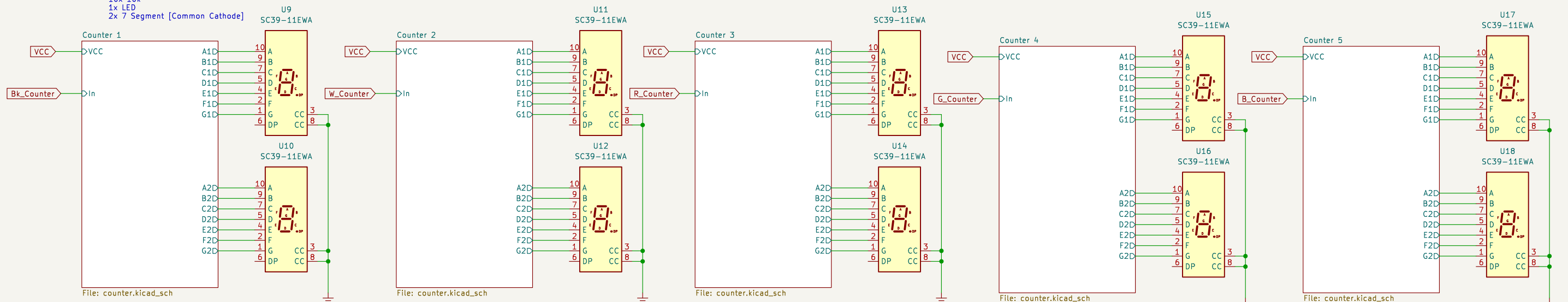
References:

Color Sensor: <https://www.youtube.com/watch?v=WW3mCj7kAo>
Color Sorter: <https://www.youtube.com/watch?v=AUFJAAEbqSU>

Colors Detected:
Black, White, Red, Green, Blue

COUNTER

Counter:
18x 1N4148
2x 4511
2x 4017
10x 10k
1x LED
2x 7 Segment [Common Cathode]



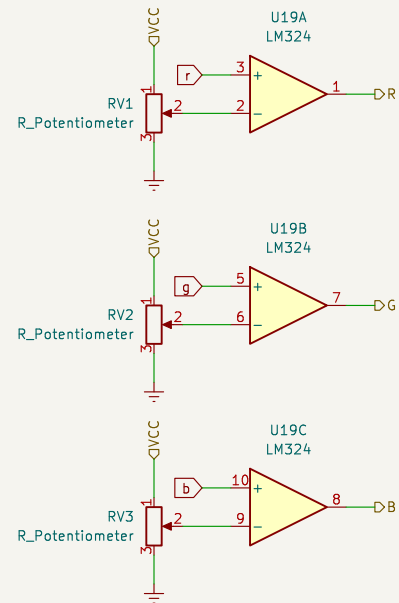
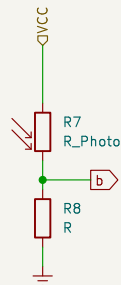
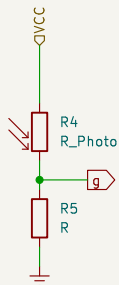
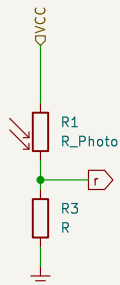
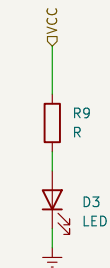
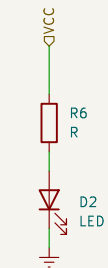
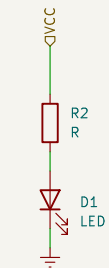
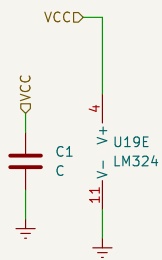
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Title:

Size: A3
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Date:

Rev:
Id: 1/24



Sheet: /Color Sensor/
File: color_sensor.kicad_sch

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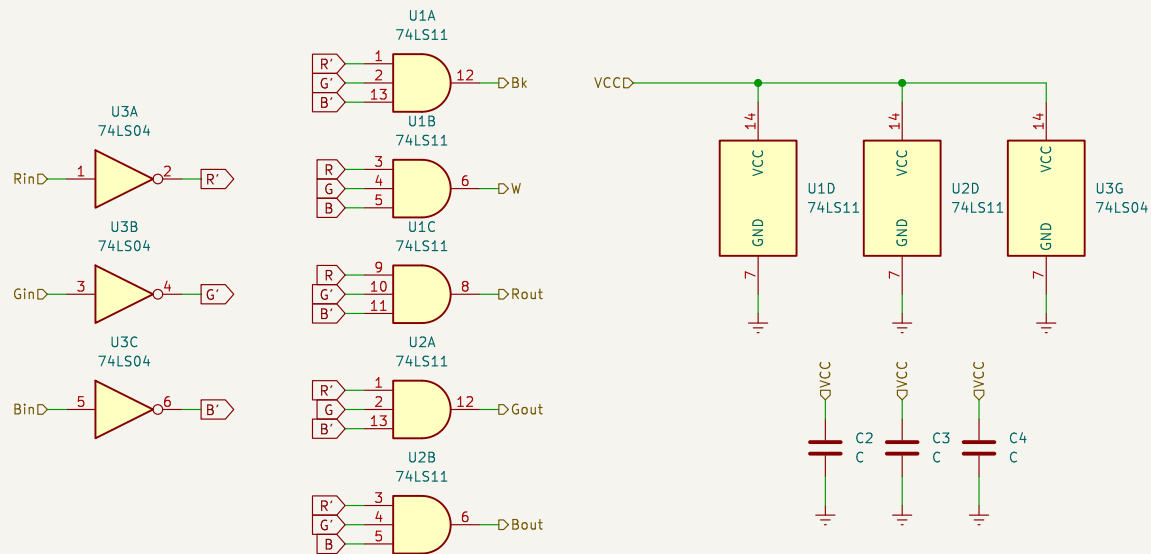
Size: A4

Date:

KiCad E.D.A. kicad 7.0.8

Rev:

Id: 2/24



Sheet: /Logic Circuit 01/
File: logic_circuit_01.kicad_sch

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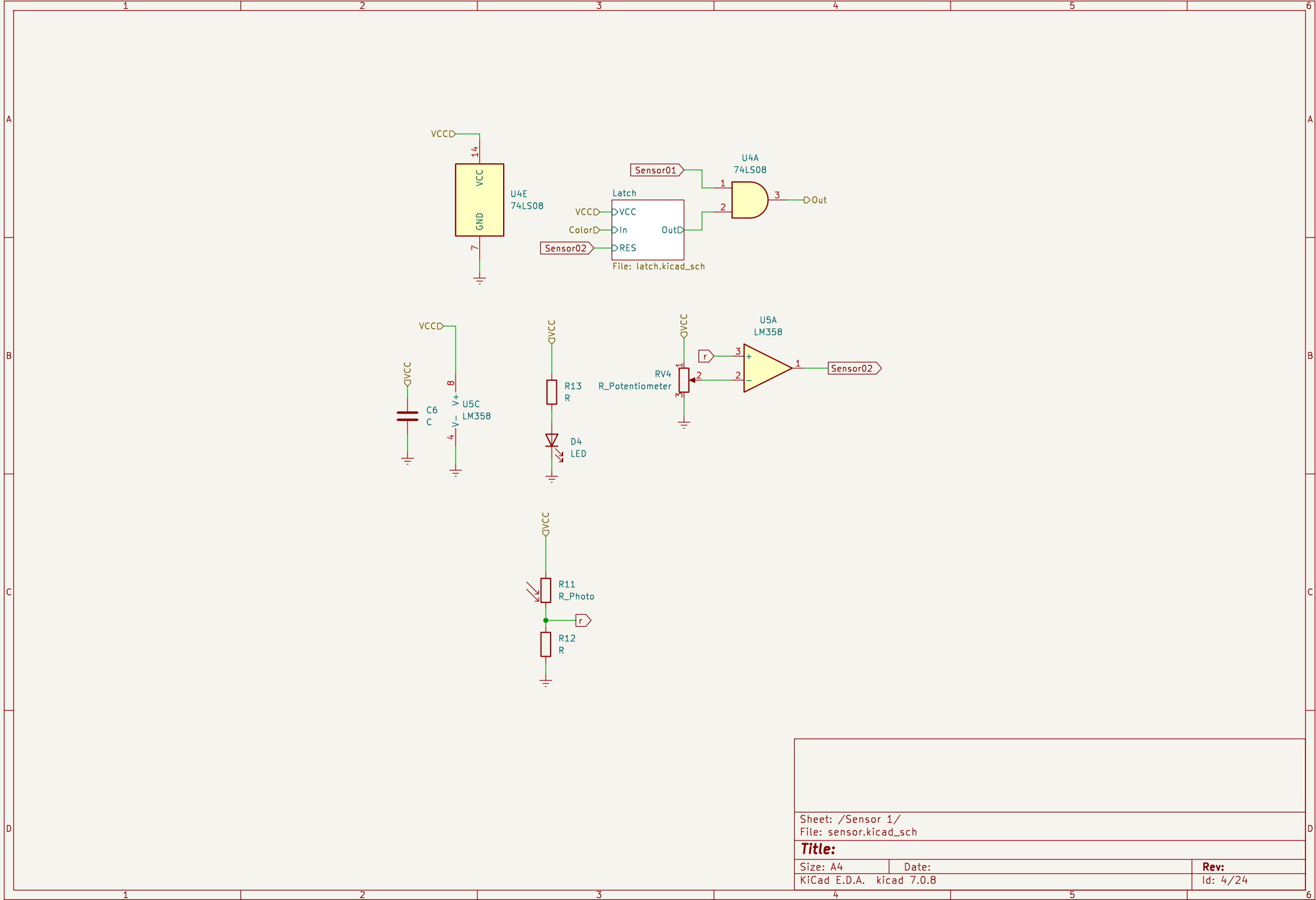
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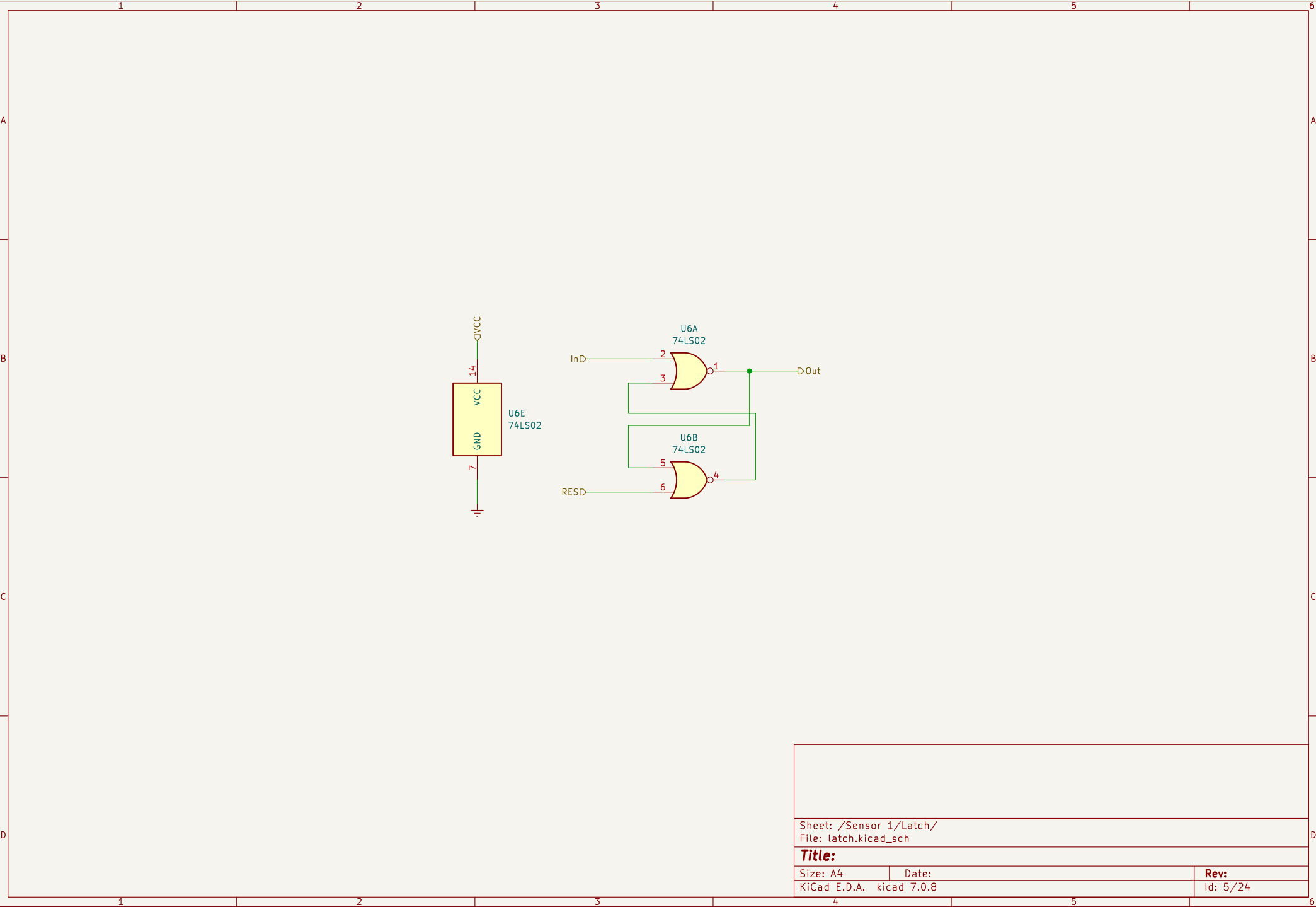
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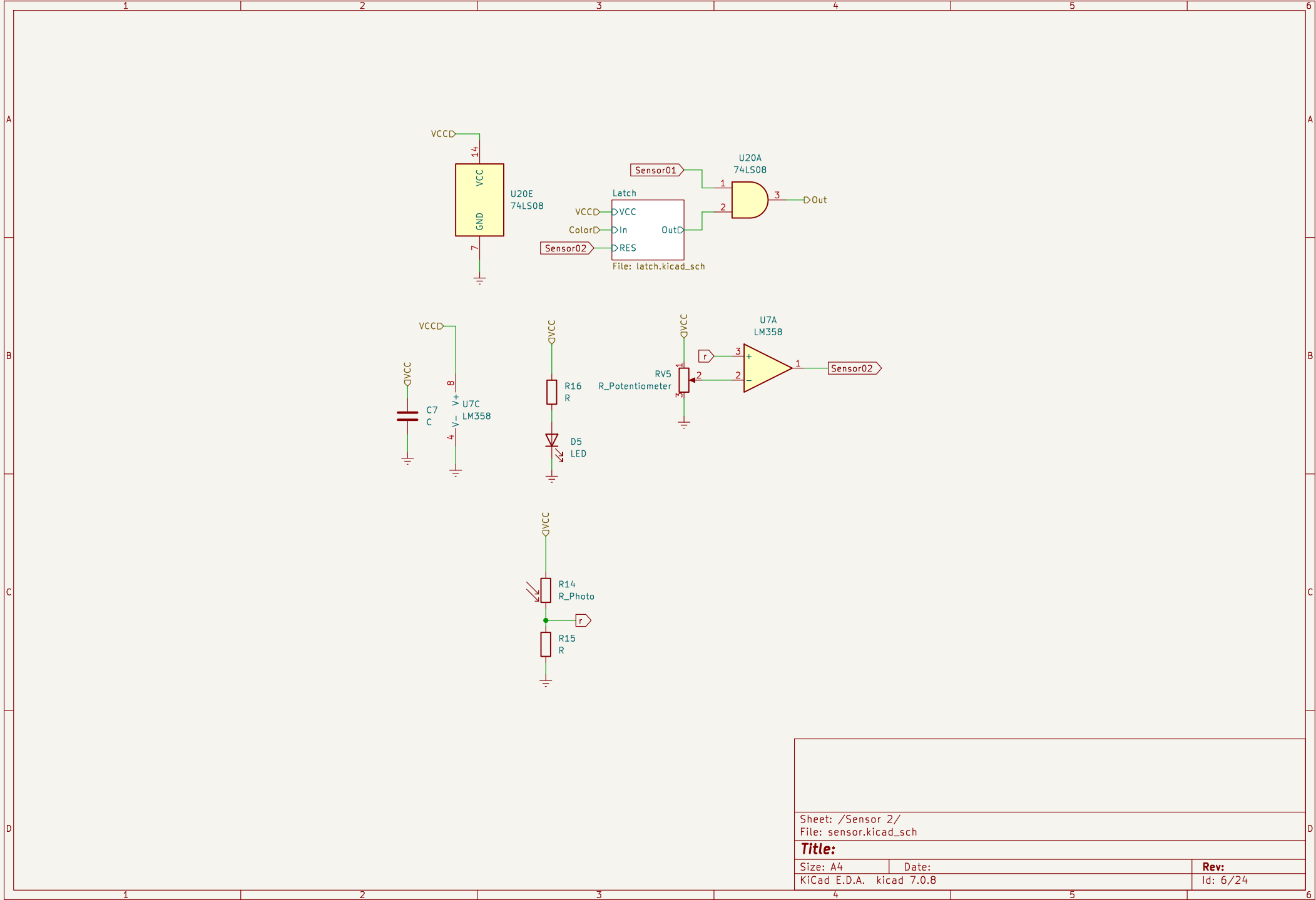
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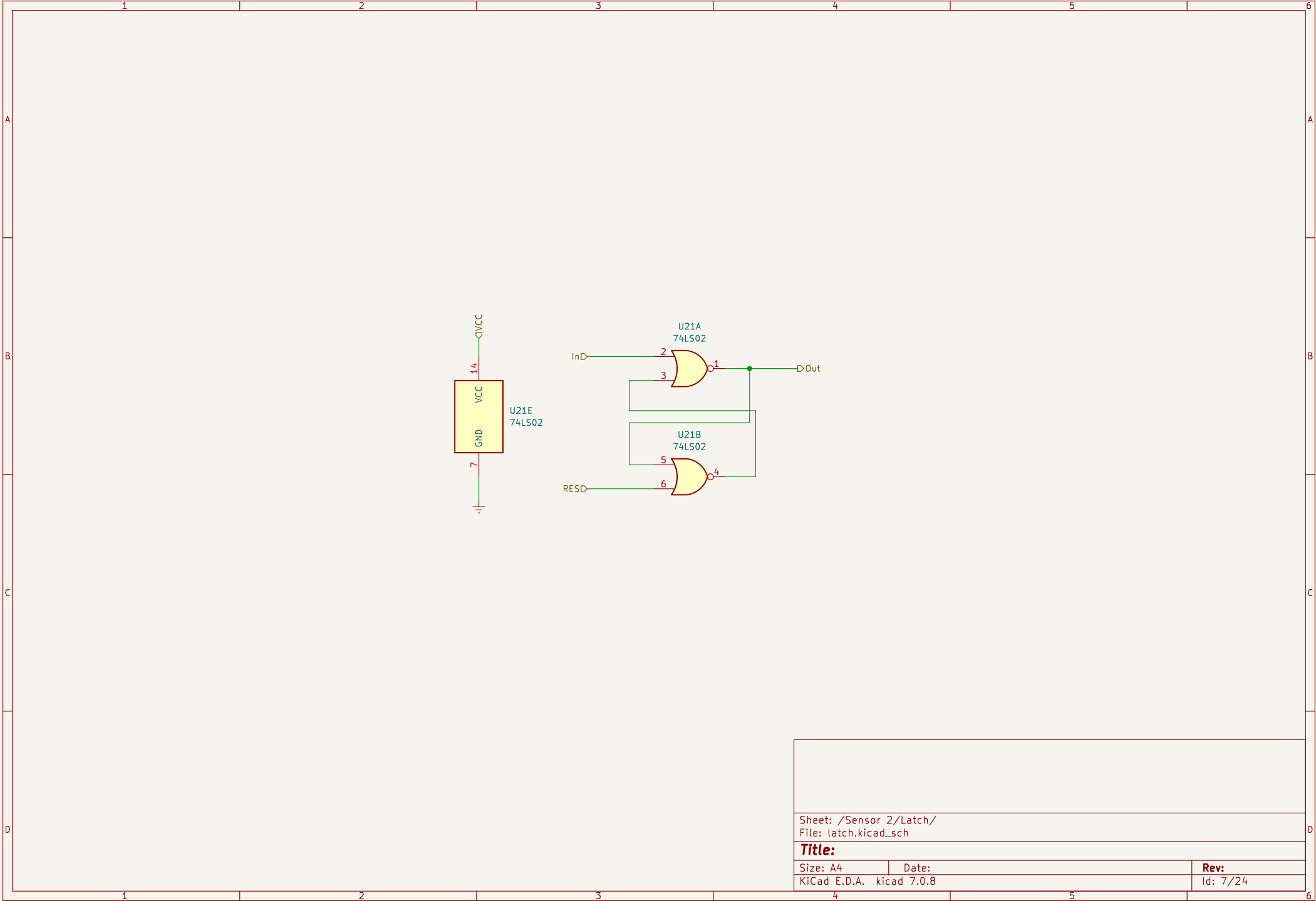
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Sheet: /Sensor 1/Latch/		
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Title:		
Size: A4	Date:	Rev:
KiCad E.D.A. kicad 7.0.8	Id: 5/24	





Sheet: /Sensor 2/Latch/
File: latch.kicad_sch

Title:

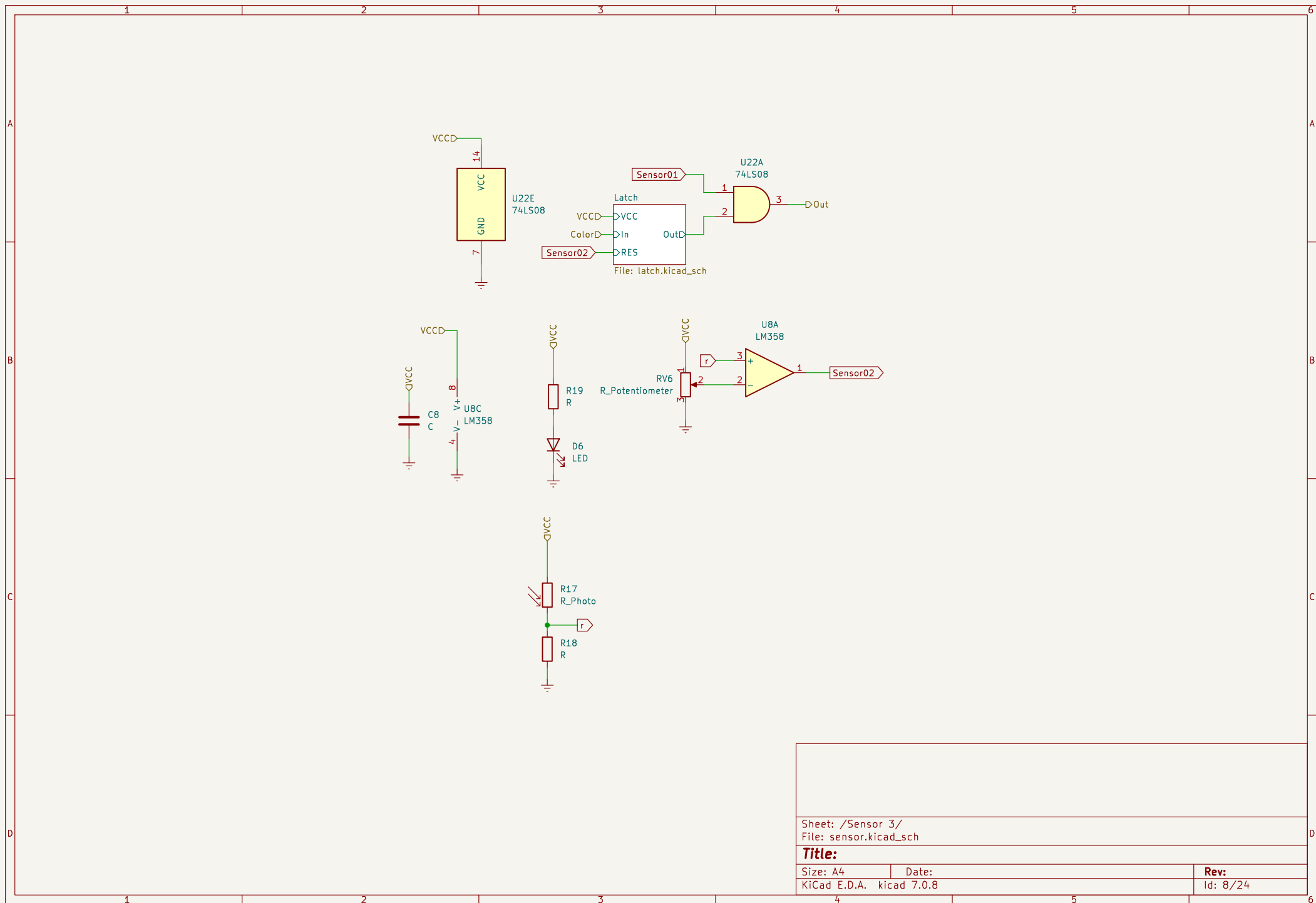
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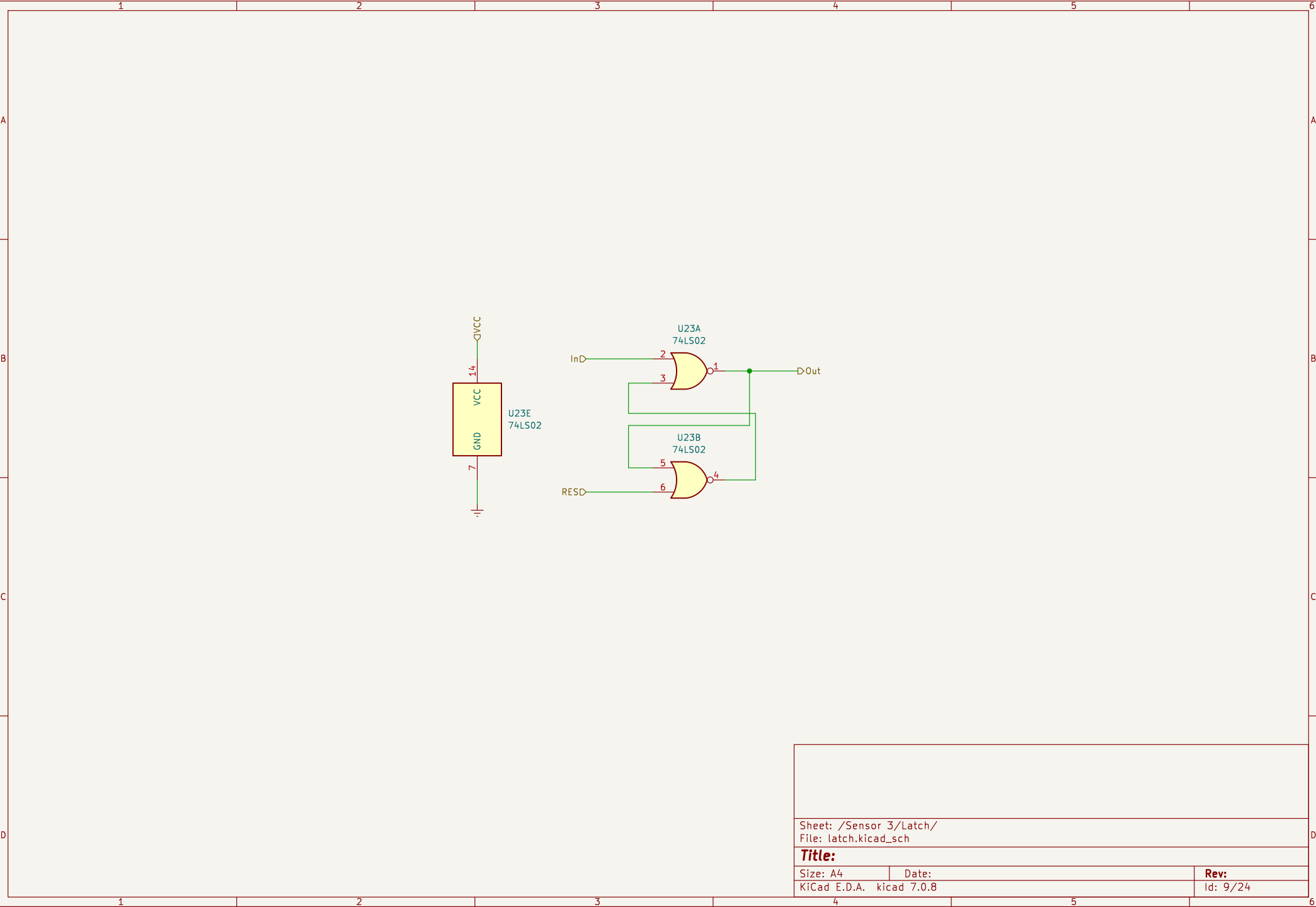
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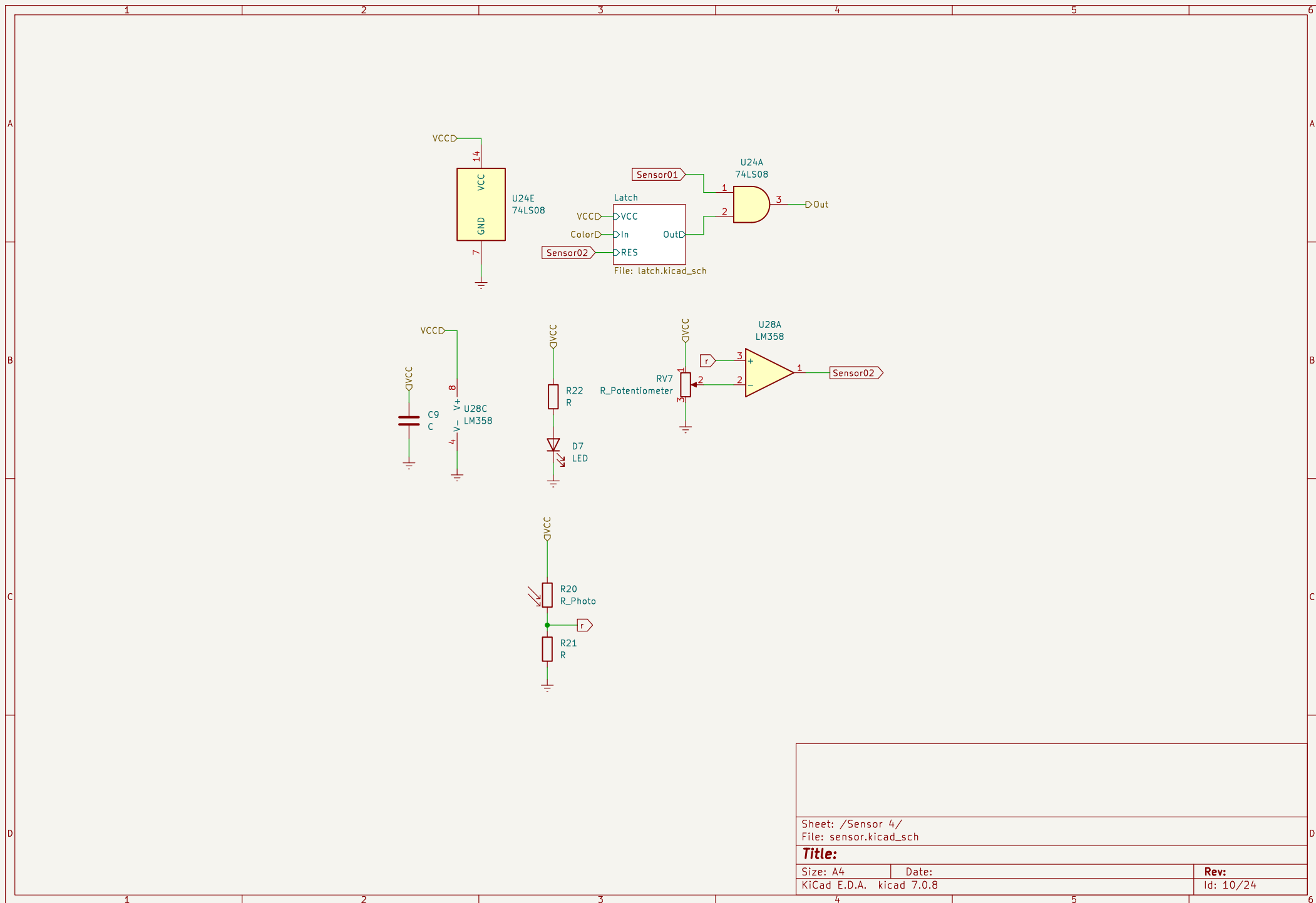
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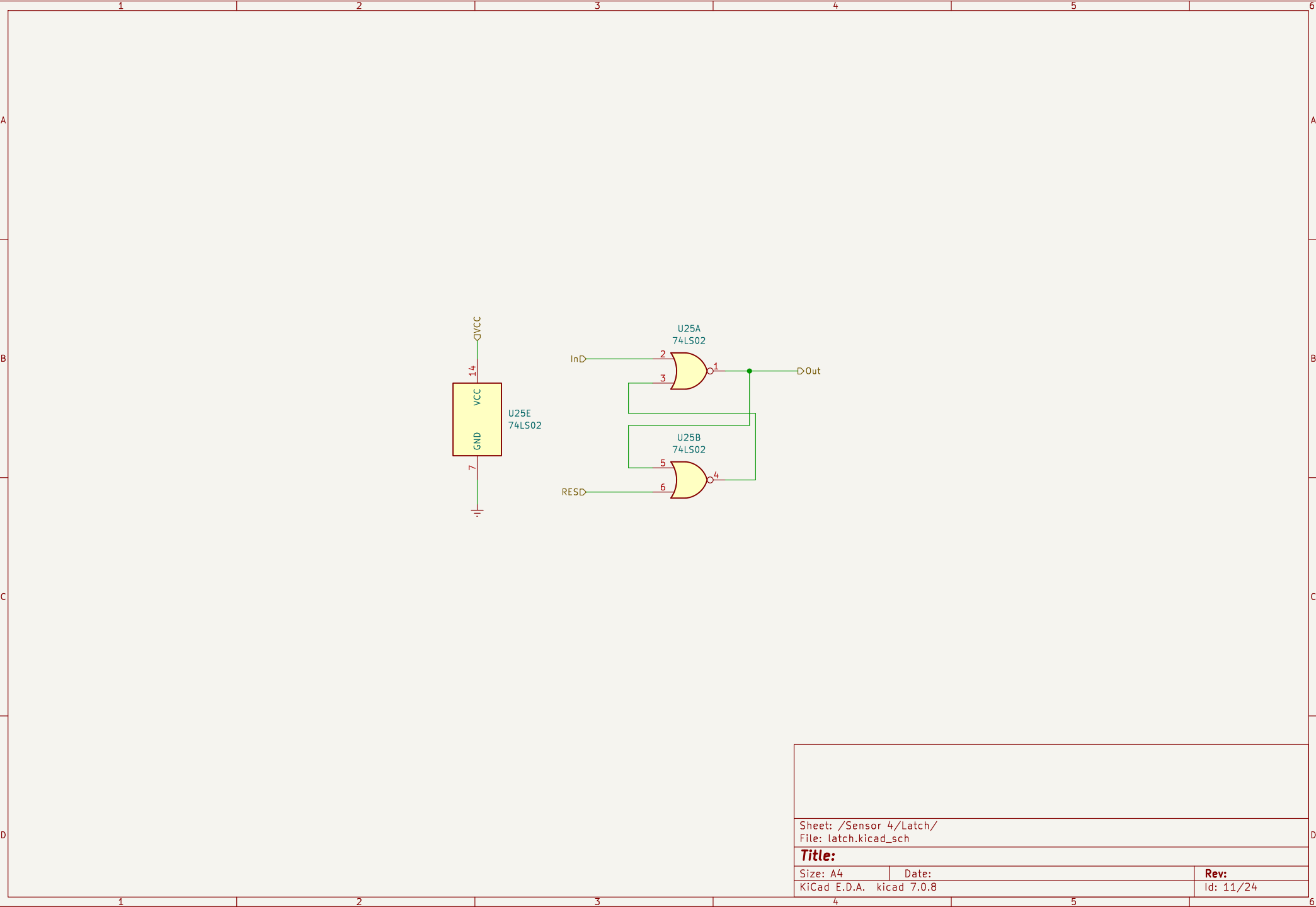
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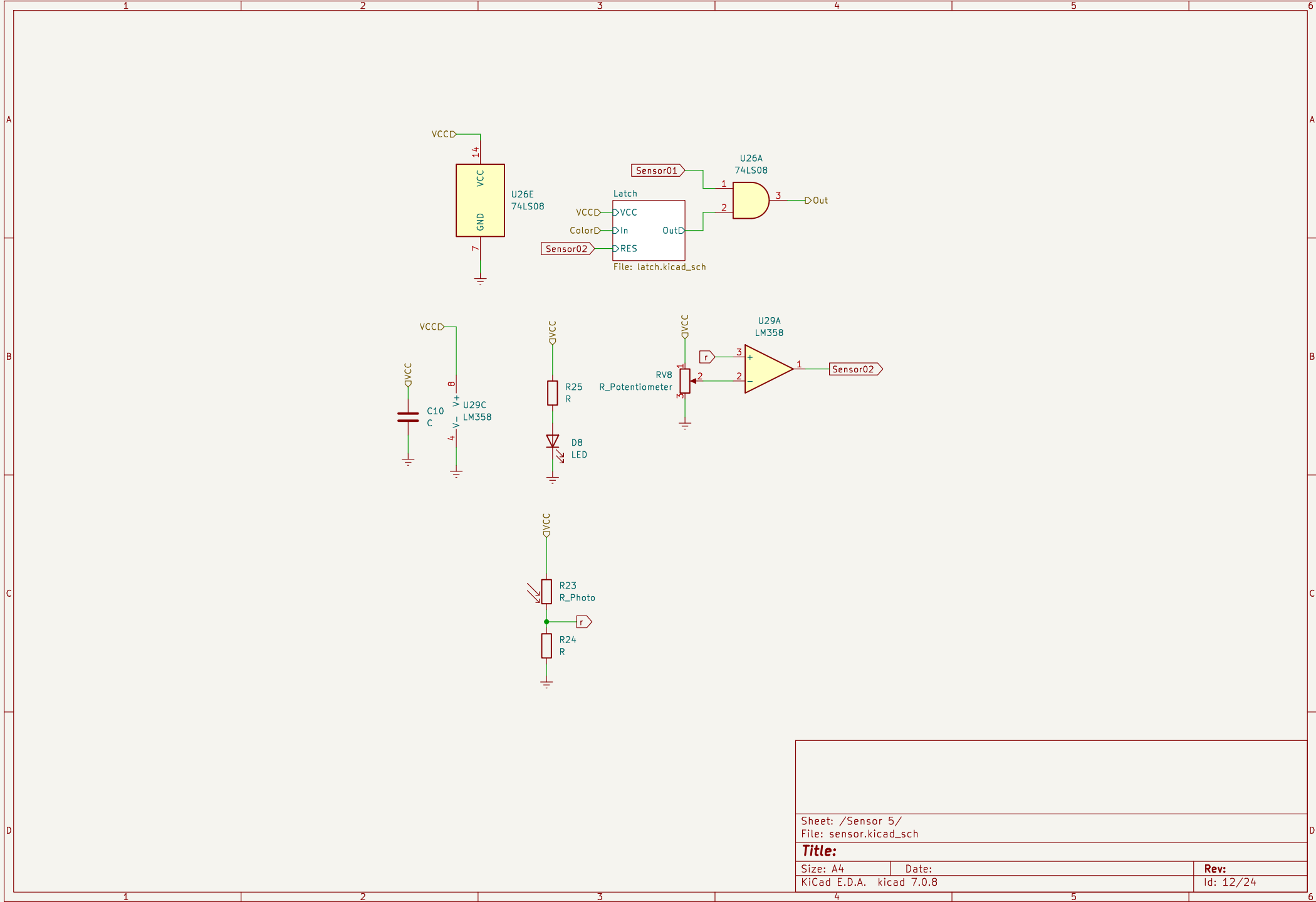


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KiCad E.D.A. kicad 7.0.8	Id: 9/24	

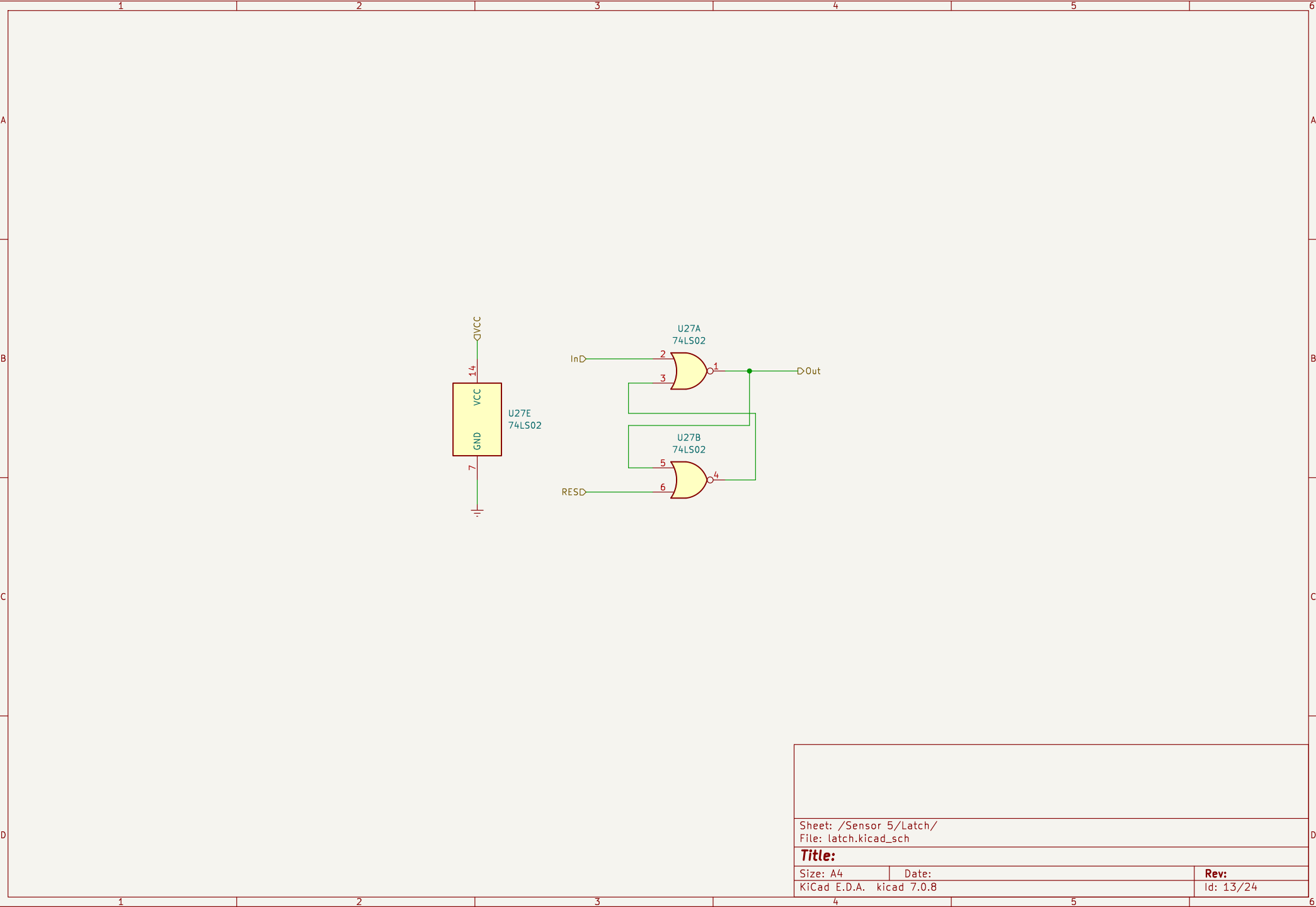




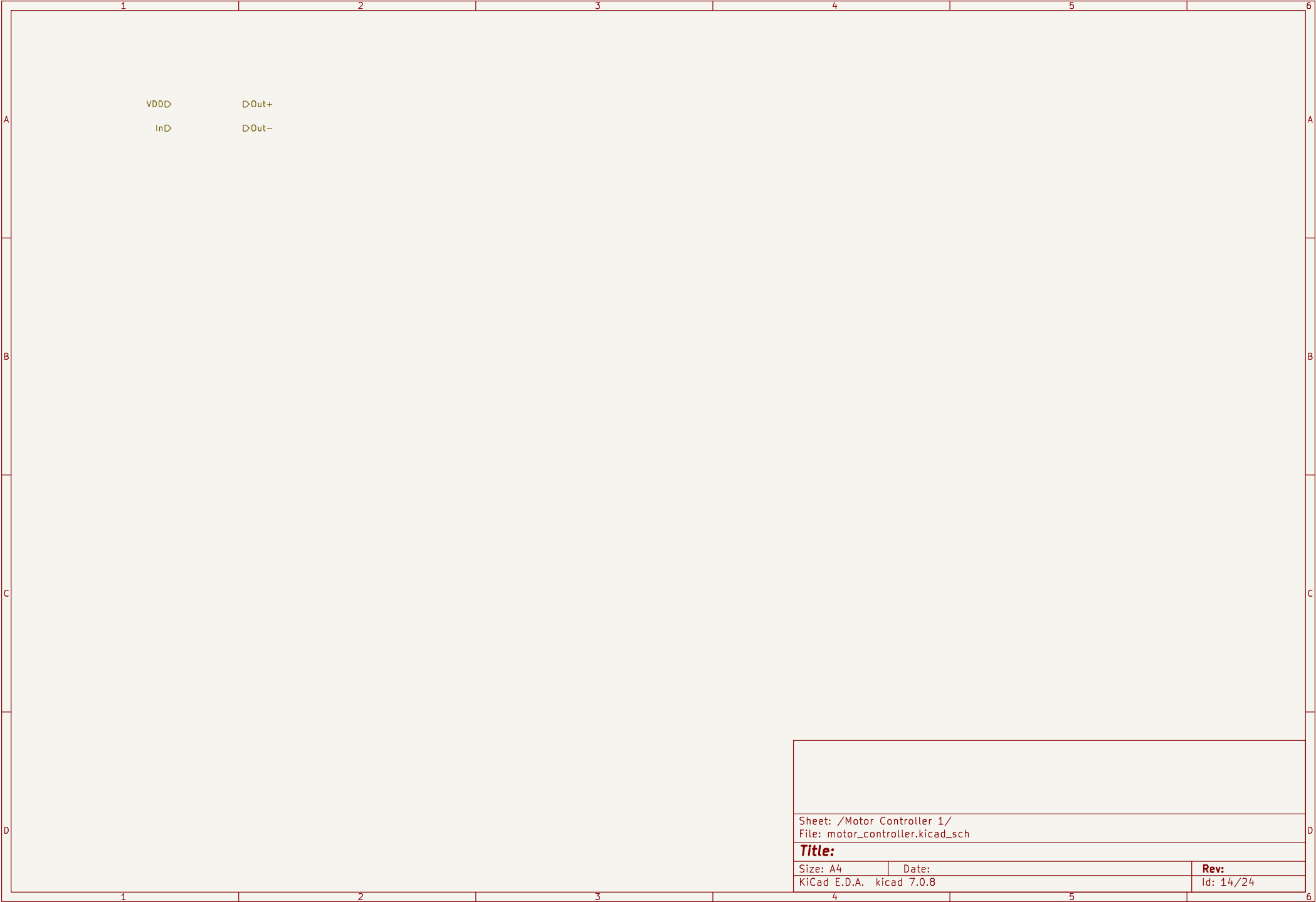
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KiCad E.D.A. kicad 7.0.8	Id: 11/24	



Sheet: /Sensor 5/ File: sensor.kicad_sch		
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Size: A4	Date:	Rev:
KiCad E.D.A. kicad 7.0.8	Id: 12/24	



Sheet: /Sensor 5/Latch/ File: latch.kicad_sch		
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Size: A4	Date:	Rev:
KiCad E.D.A. kicad 7.0.8	Id: 13/24	



Sheet: /Motor Controller 1/
File: motor_controller.kicad_sch

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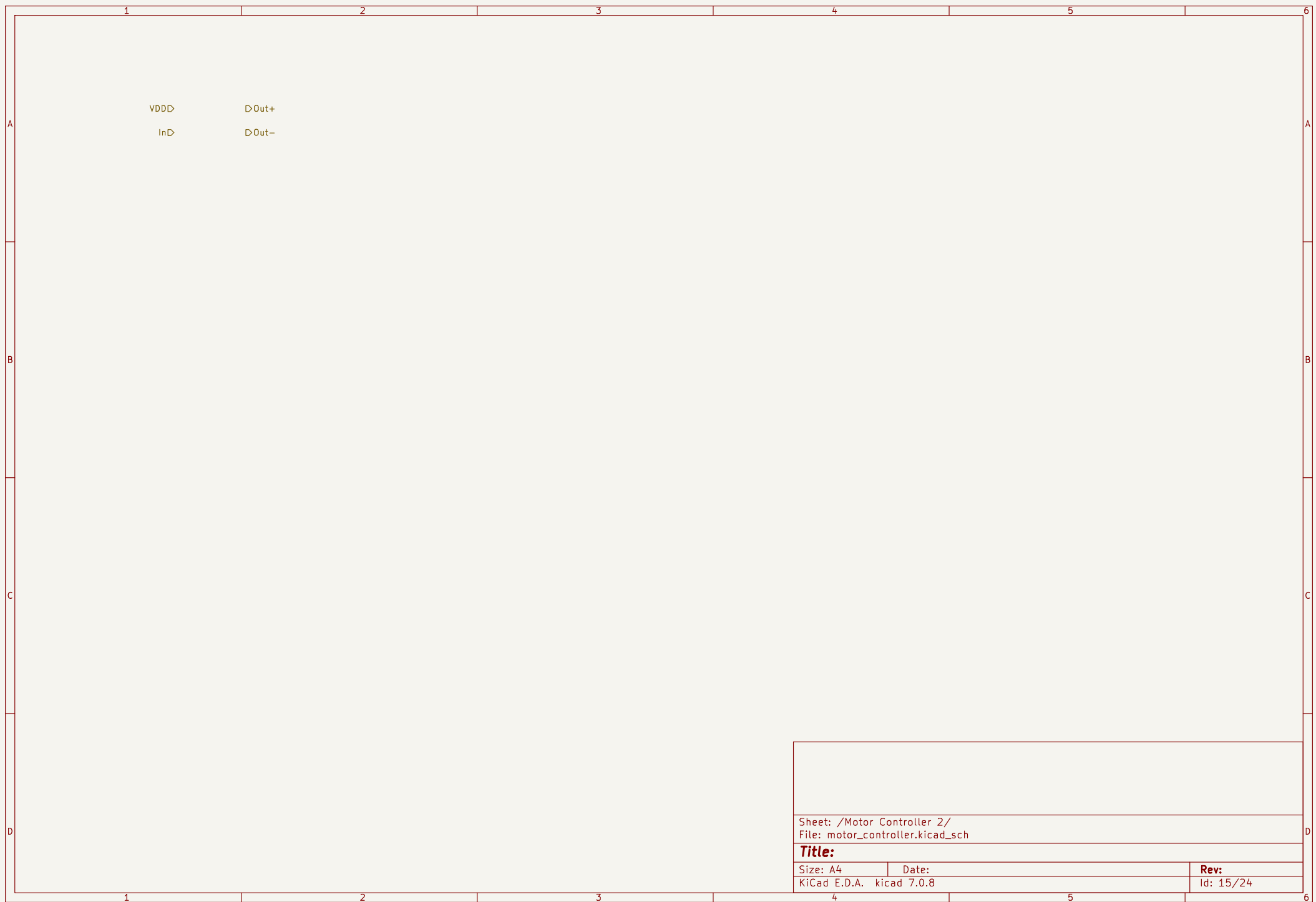
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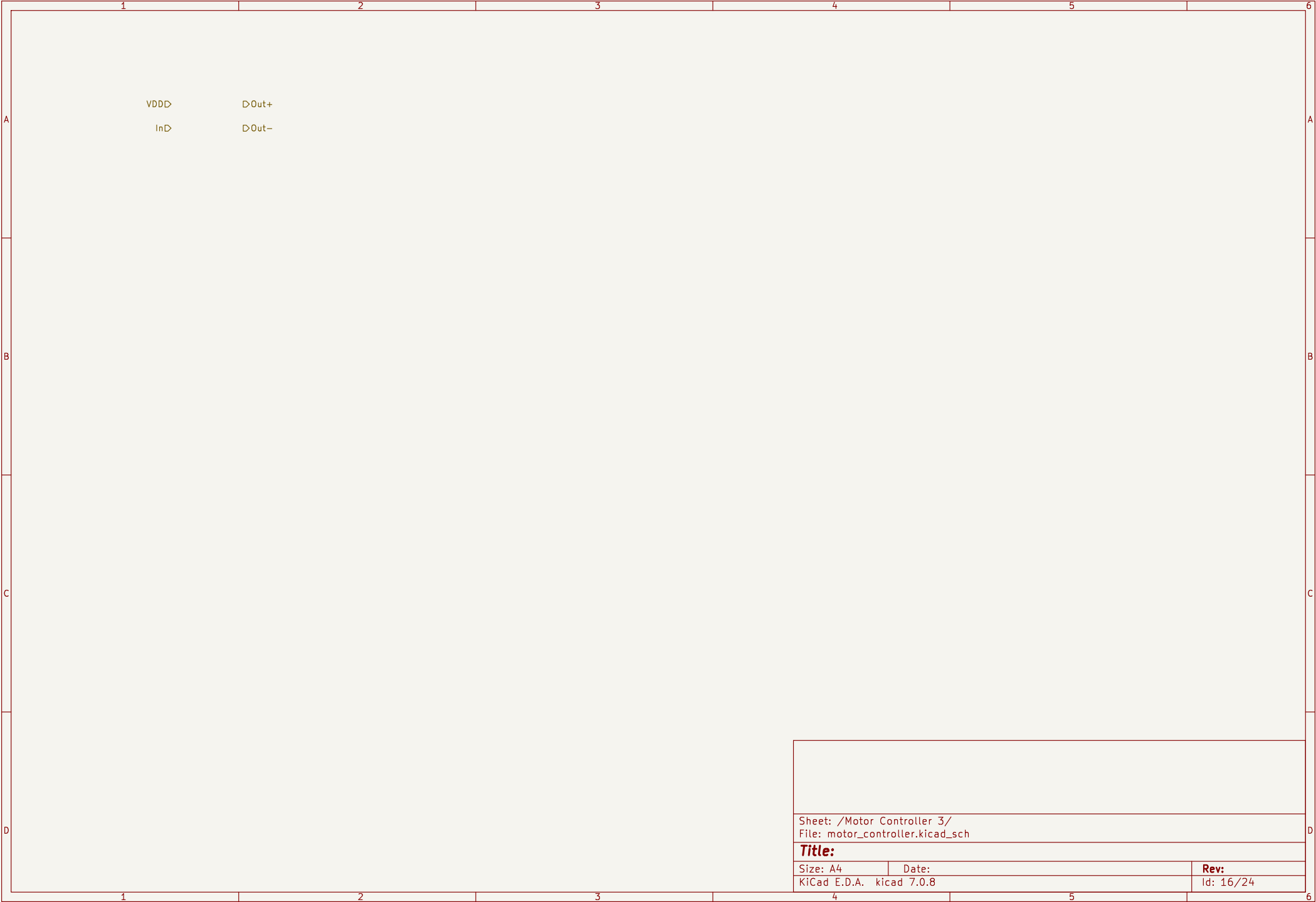
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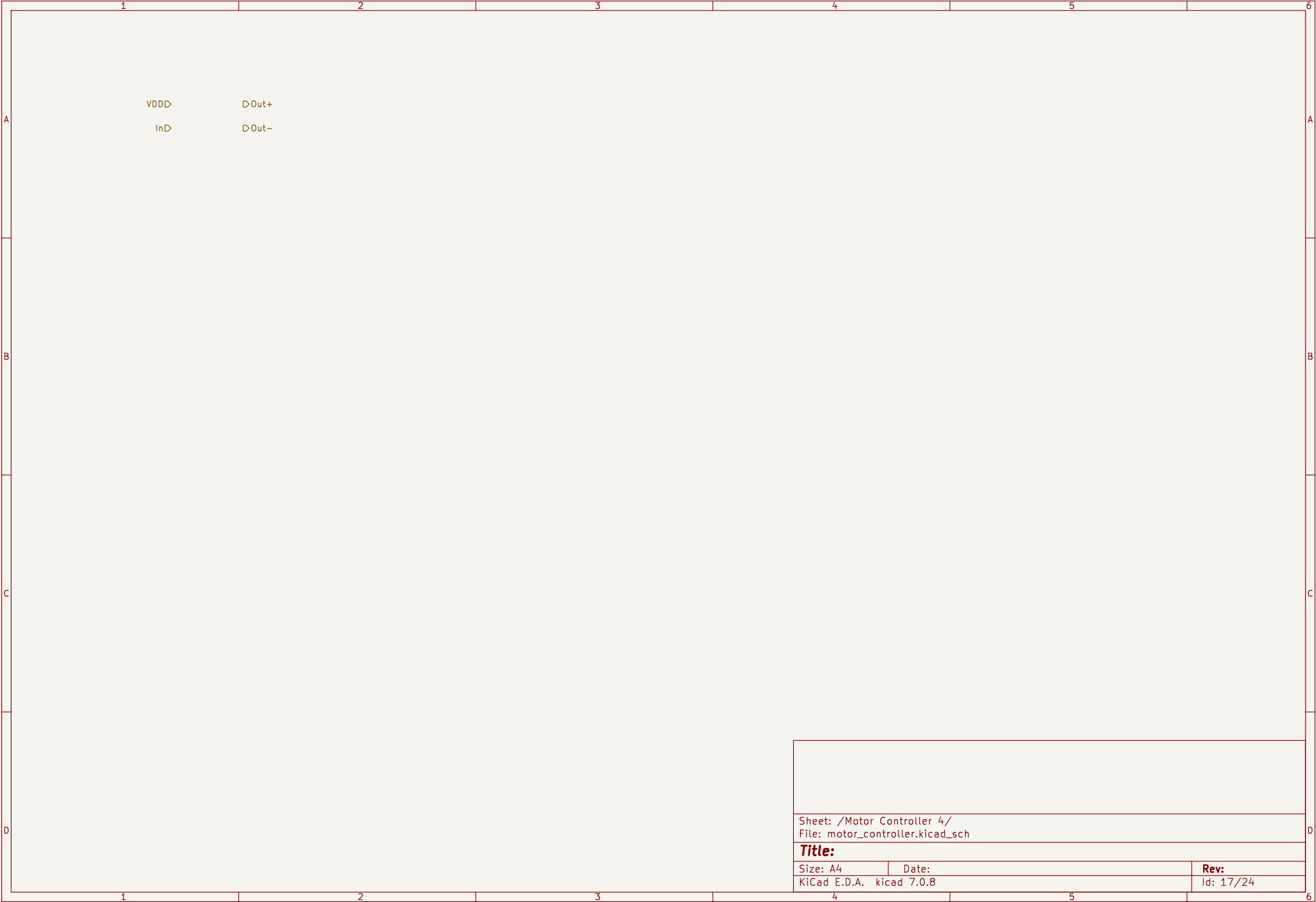
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Sheet: /Motor Controller 4/
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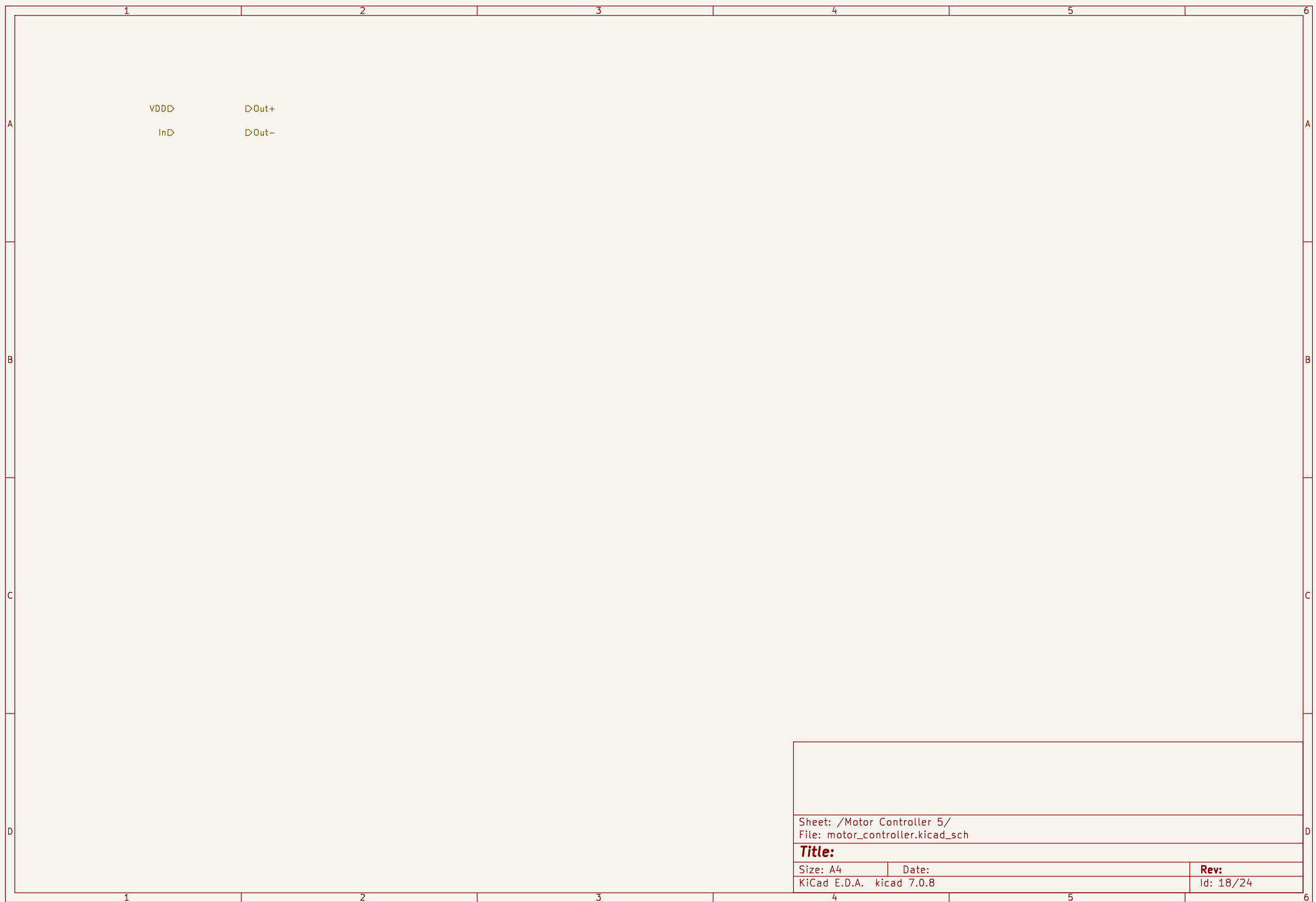
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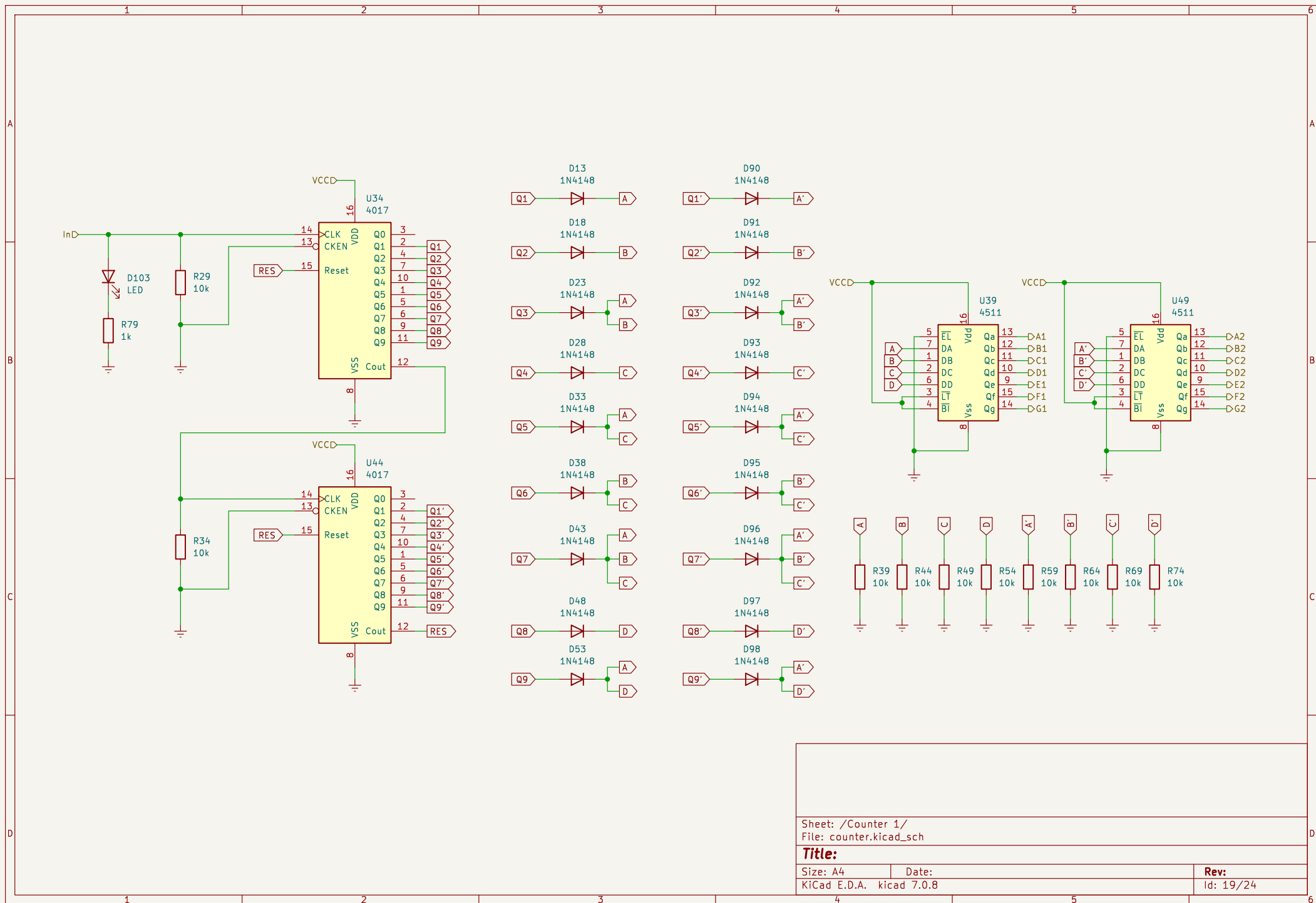
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Rev:

Id: 17/24





Sheet: /Counter 1/

File: counter.kicad_sch

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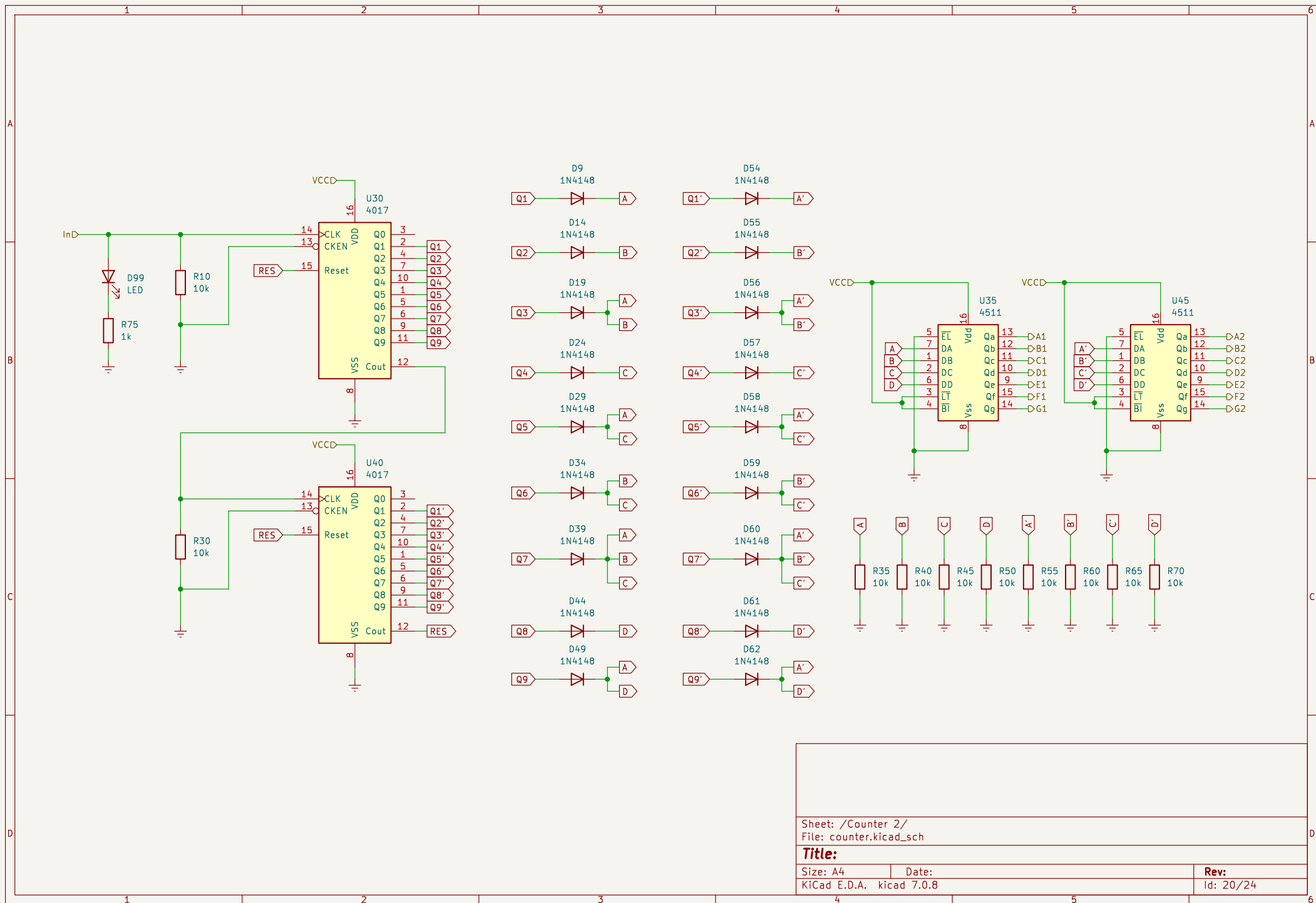
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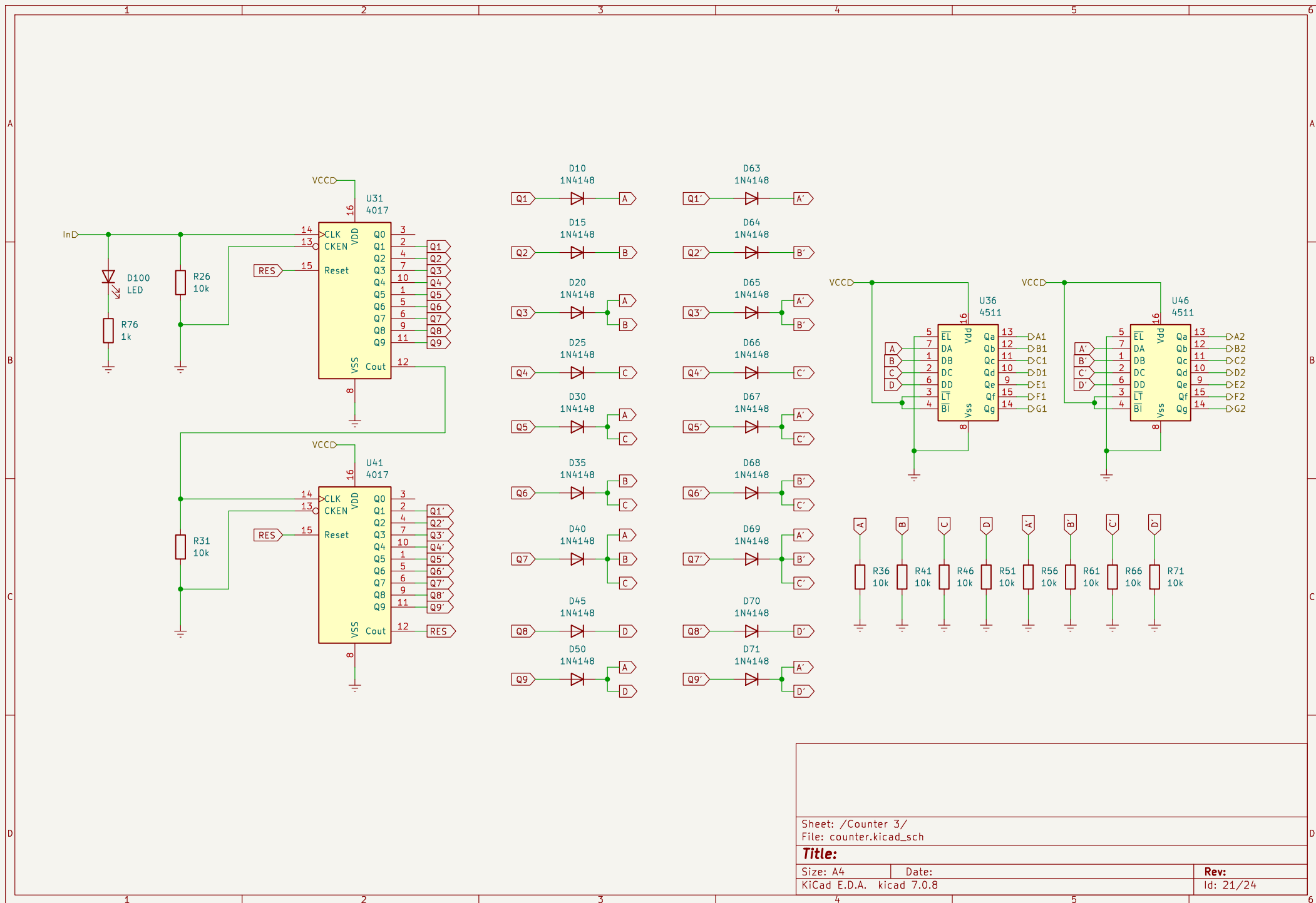
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KiCad E.D.A. kicad 7.0.8

Rev:

Id: 19/24





Sheet: /Counter 3/
File: counter.kicad_sch

Title:

Size: A4
KiCad E.D.A. kicad 7.0.8

Date:

Rev:
Id: 21/24

