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## RST and USR Buttons, Status LEDs

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To Be Placed

MCU\_DIGITAL\_OUT\_1

MCU\_DIGITAL\_OUT\_2

MCU\_DIGITAL\_OUT\_3

MCU\_DIGITAL\_OUT\_4

MCU\_DIGITAL\_OUT\_5

MCU\_DIGITAL\_OUT\_6

MCU\_DIGITAL\_OUT\_7

MCU\_DIGITAL\_OUT\_8

MCU\_DIGITAL\_OUT\_9

MCU\_DIGITAL\_OUT\_10

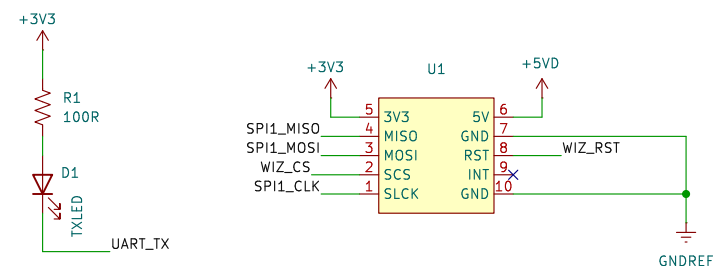
XY

7A

BC



File: Inputs.kicad\_sch

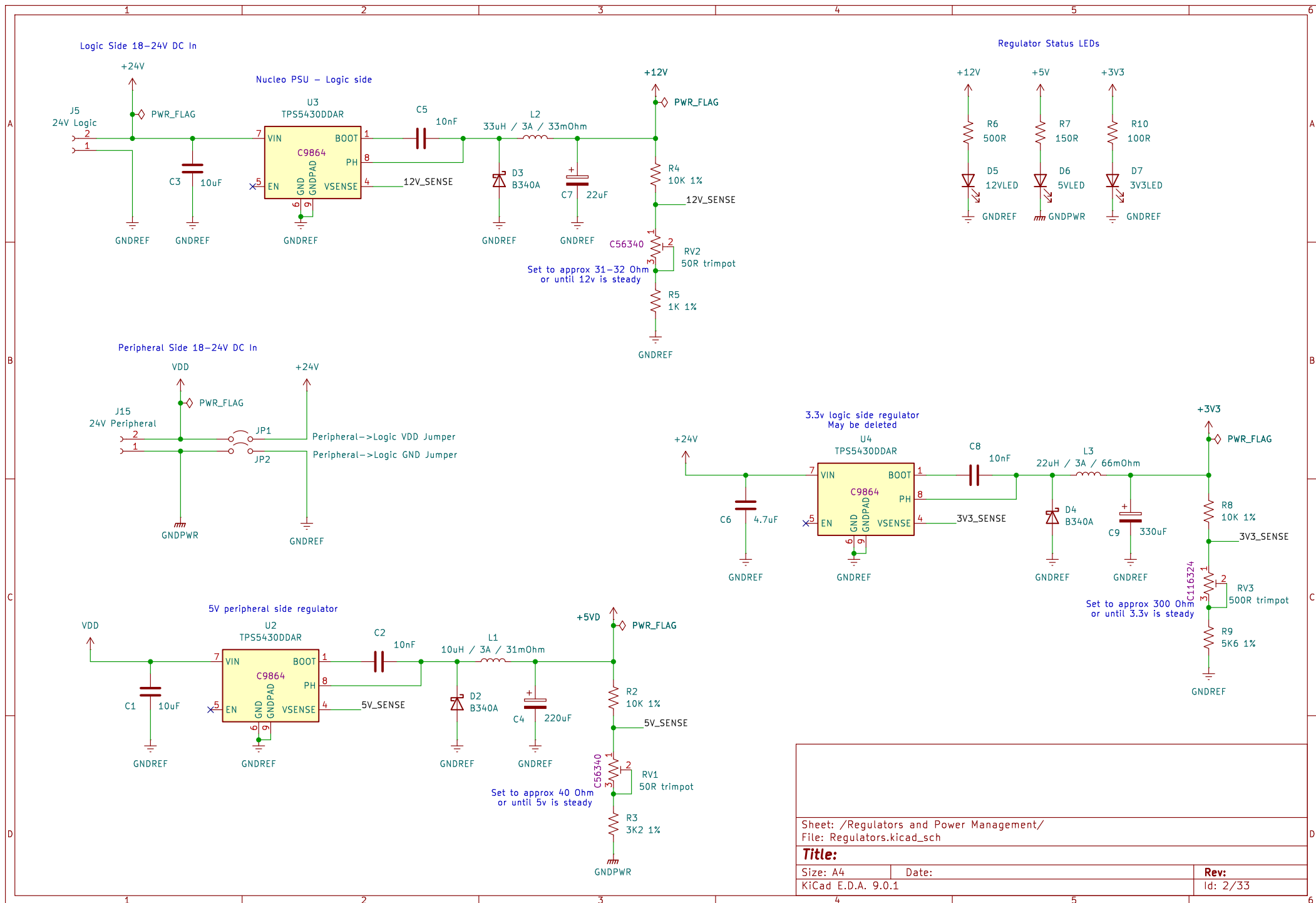


**Title:**

Date:

Rev:	
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Sheet: /Regulators and Power Management/  
File: Regulators.kicad\_sch

#### Title:

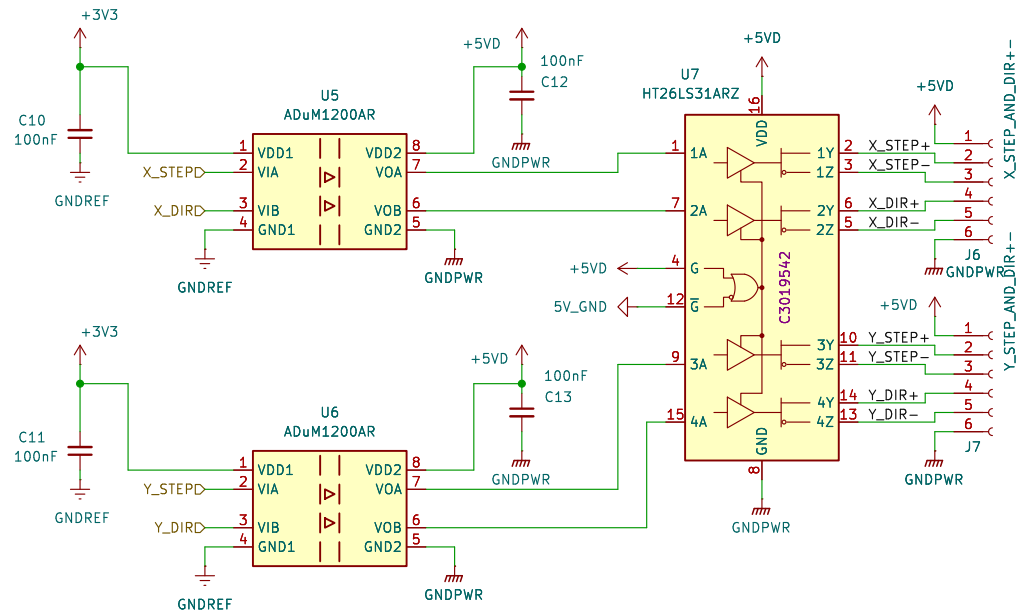
Size: A4

Date:

Rev:

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Sheet: /X and Y Stepper Drivers/  
File: Stepper\_drivers.kicad\_sch

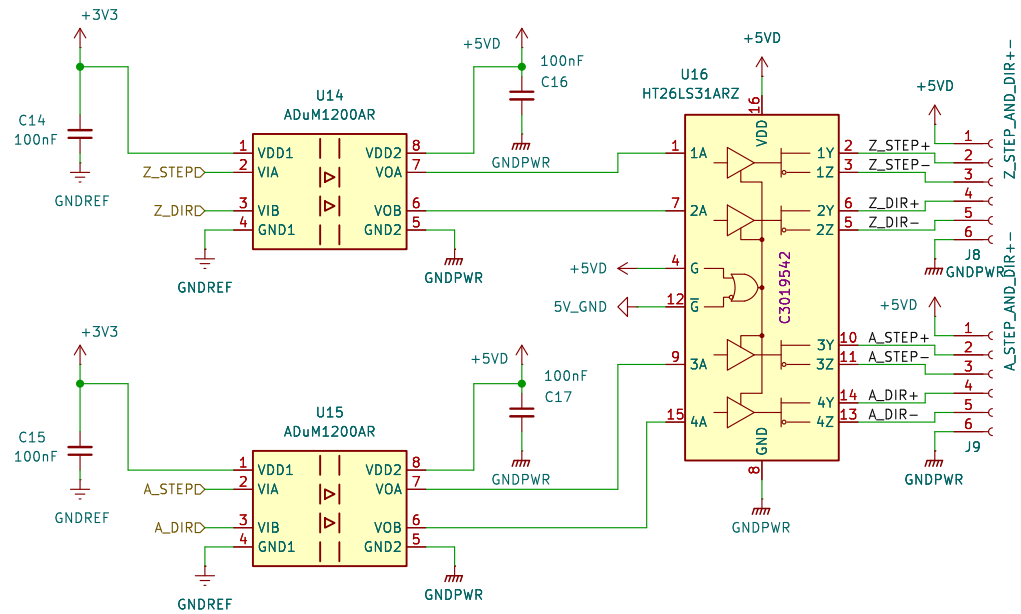
**Title:**

Size: A4 Date:

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**Rev:**

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Sheet: /Z and A Stepper Drivers/  
File: Stepper\_drivers.kicad\_sch

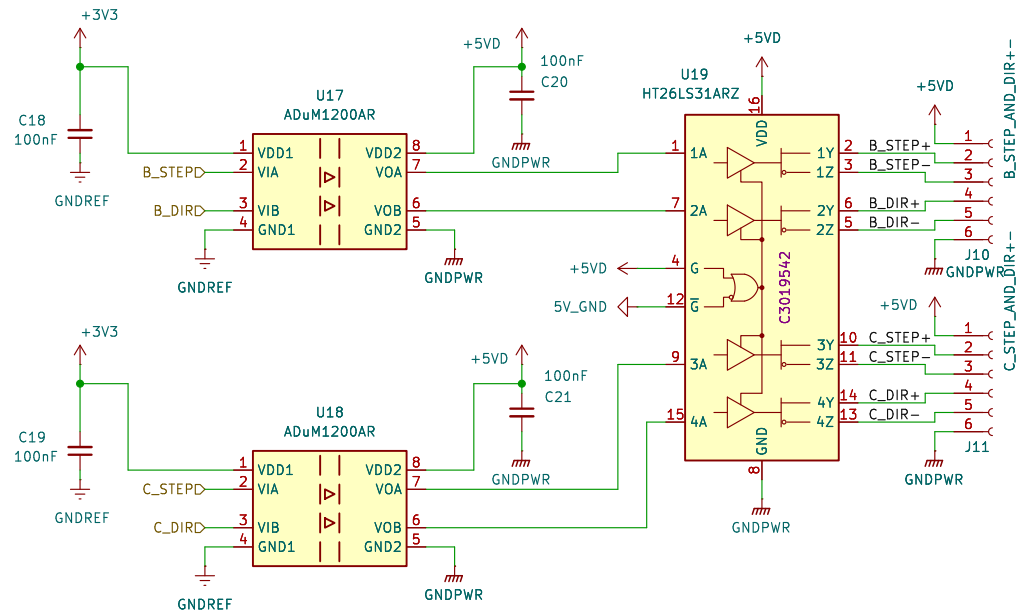
**Title:**

Size: A4 Date:

KiCad E.D.A. 9.0.1

**Rev:**

Id: 10/33



Sheet: /B and C Stepper Drivers/  
File: Stepper\_drivers.kicad\_sch

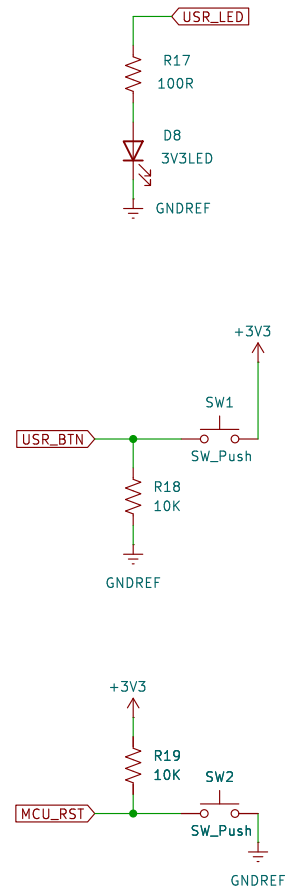
**Title:**

Size: A4 Date:

KiCad E.D.A. 9.0.1

**Rev:**

Id: 11/33



Sheet: /RST and USR Buttons, Status LEDs/  
File: buttons\_LEDs.kicad\_sch

**Title:**

Size: A4

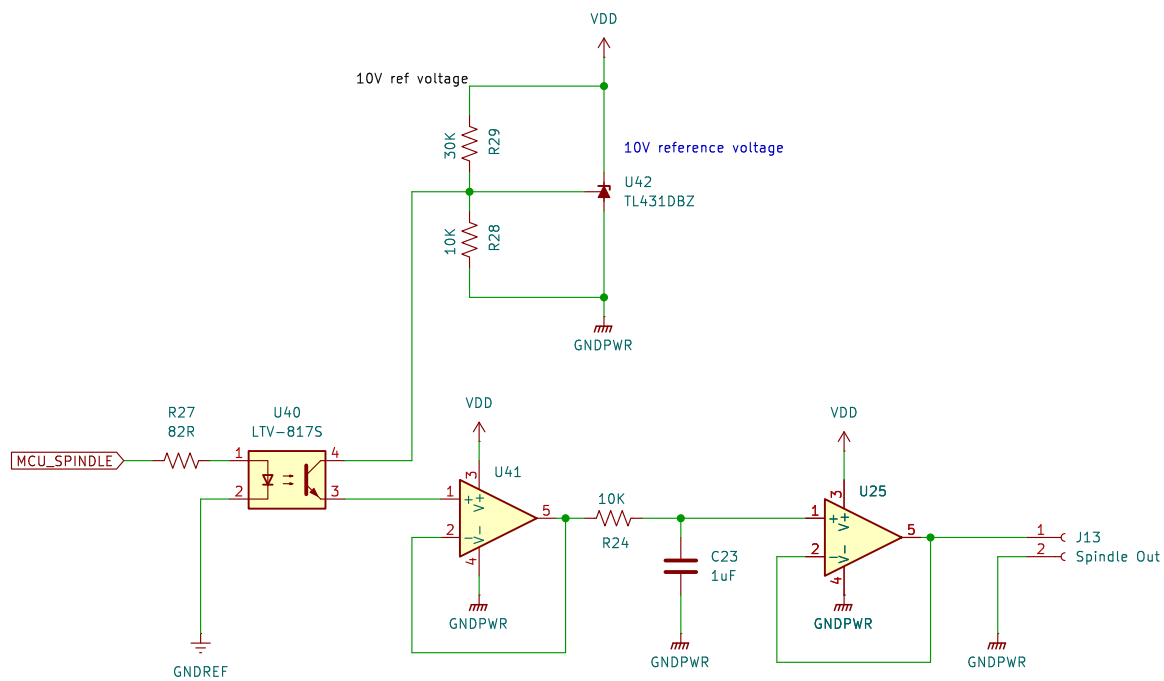
Date:

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Todo – the filter will not swing up to 10V, need to set up in simulator and adjust the ceiling

Sheet: /Spindle DAC/  
File: SpindleDAC.kicad\_sch

**Title:**

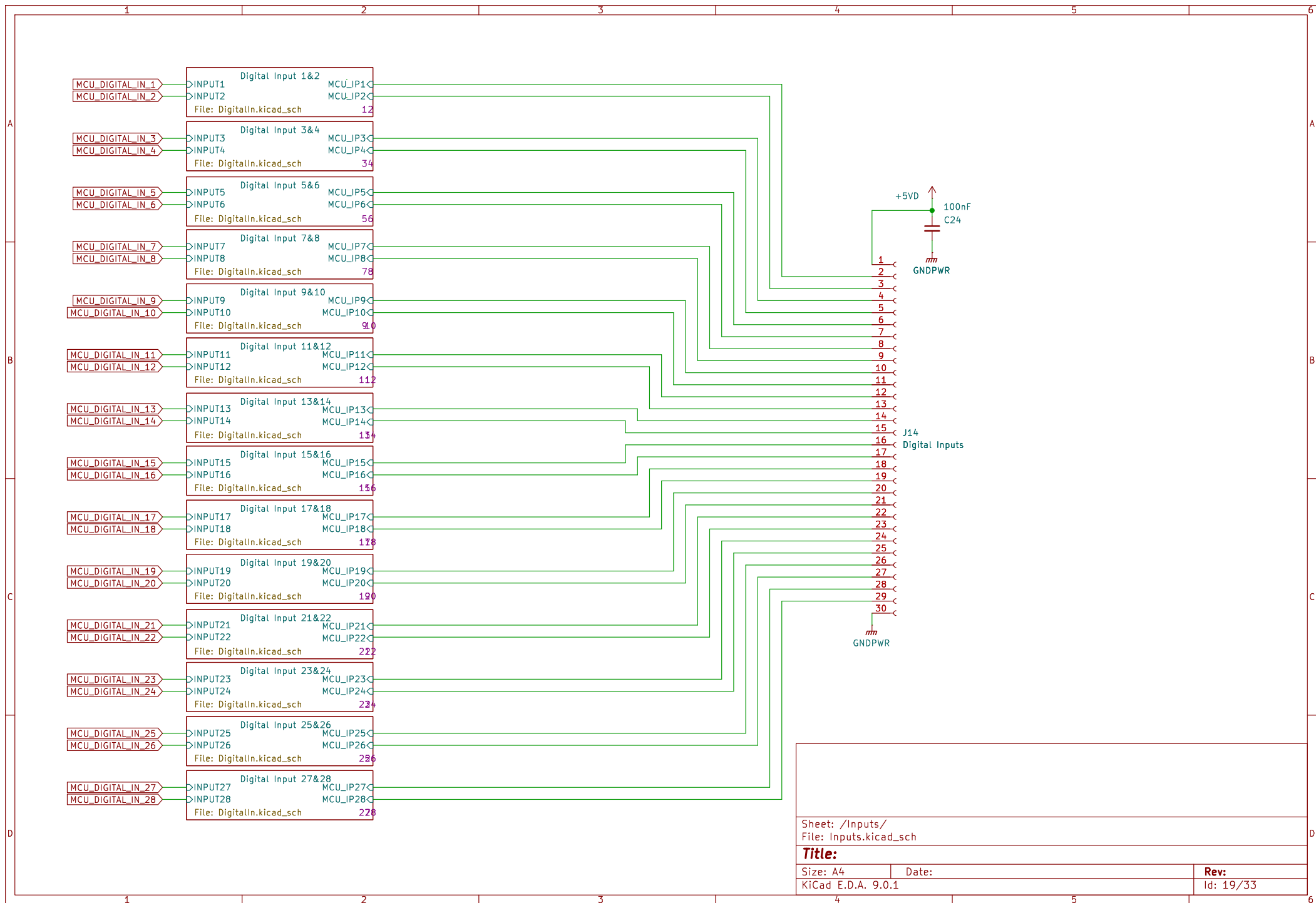
Size: A4 Date:

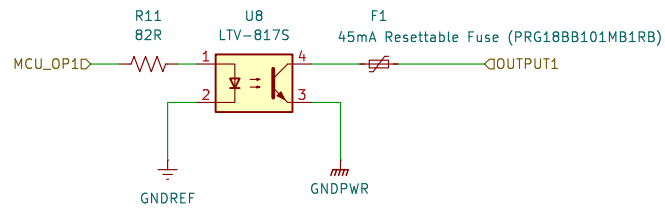
KiCad E.D.A. 9.0.1

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Sheet: /Digital Outputs/1CH digital output driver 1/  
File: 1ch\_output\_driver.kicad\_sch

**Title:**

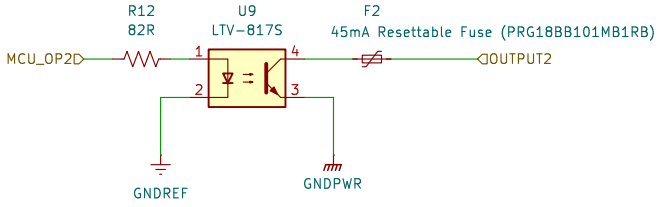
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Date:

KiCad E.D.A. 9.0.1

**Rev:**

Id: 4/33



Sheet: /Digital Outputs/1CH digital output driver 2/  
File: 1ch\_output\_driver.kicad\_sch

**Title:**

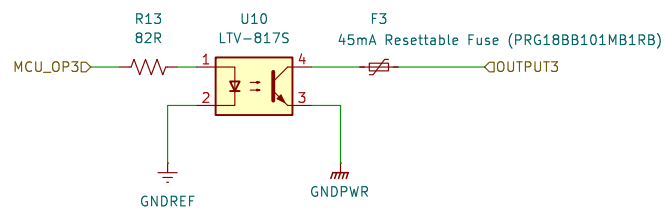
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Date:

KiCad E.D.A. 9.0.1

**Rev:**

Id: 5/33



Sheet: /Digital Outputs/1CH digital output driver 3/  
File: 1ch\_output\_driver.kicad\_sch

**Title:**

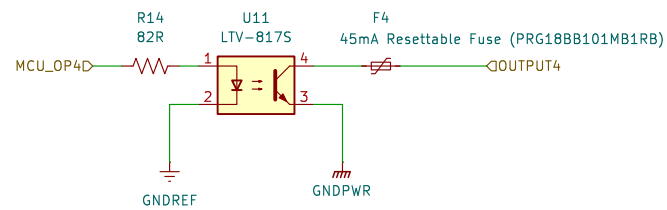
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Date:

KiCad E.D.A. 9.0.1

**Rev:**

Id: 6/33



Sheet: /Digital Outputs/1CH digital output driver 4/  
File: 1ch\_output\_driver.kicad\_sch

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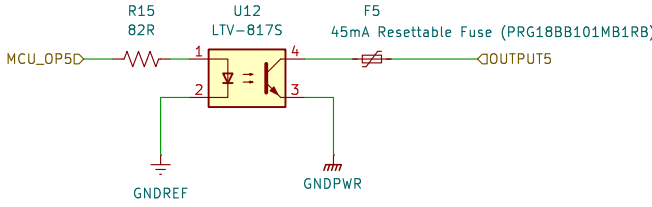
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Date:

KiCad E.D.A. 9.0.1

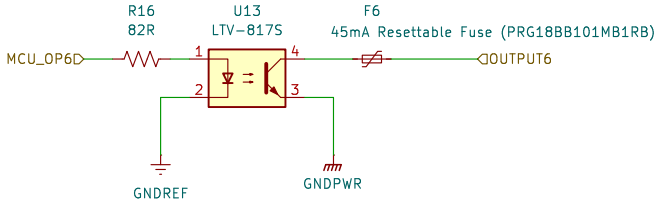
**Rev:**

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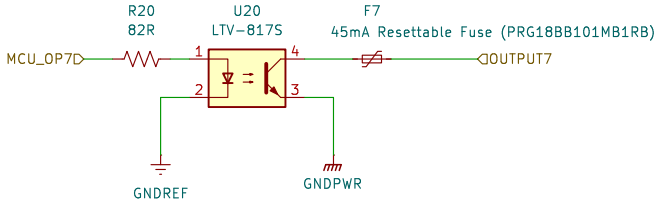
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File: 1ch\_output\_driver.kicad\_sch

<b>Title:</b>			
Size: A4	Date:	Rev:	
KiCad E.D.A. 9.0.1		Id: 8/33	



Sheet: /Digital Outputs/1CH digital output driver 6/  
File: 1ch\_output\_driver.kicad\_sch

<b>Title:</b>			
Size: A4	Date:	<b>Rev:</b>	
KiCad E.D.A. 9.0.1		Id: 9/33	



Sheet: /Digital Outputs/1CH digital output driver 7/  
File: 1ch\_output\_driver.kicad\_sch

**Title:**

Size: A4

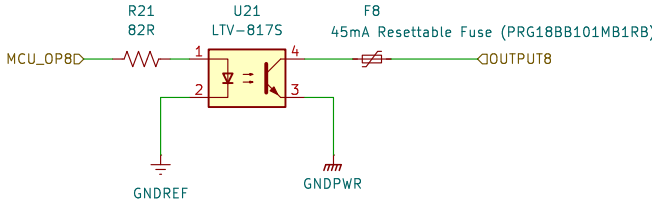
Date:

KiCad E.D.A. 9.0.1

**Rev:**

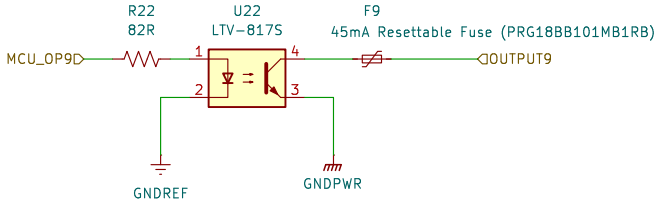
Id: 13/33





Sheet: /Digital Outputs/1CH digital output driver 8/  
File: 1ch\_output\_driver.kicad\_sch

<b>Title:</b>			
Size: A4	Date:	Rev:	
KiCad E.D.A. 9.0.1		Id: 14/33	



Sheet: /Digital Outputs/1CH digital output driver 9/  
File: 1ch\_output\_driver.kicad\_sch

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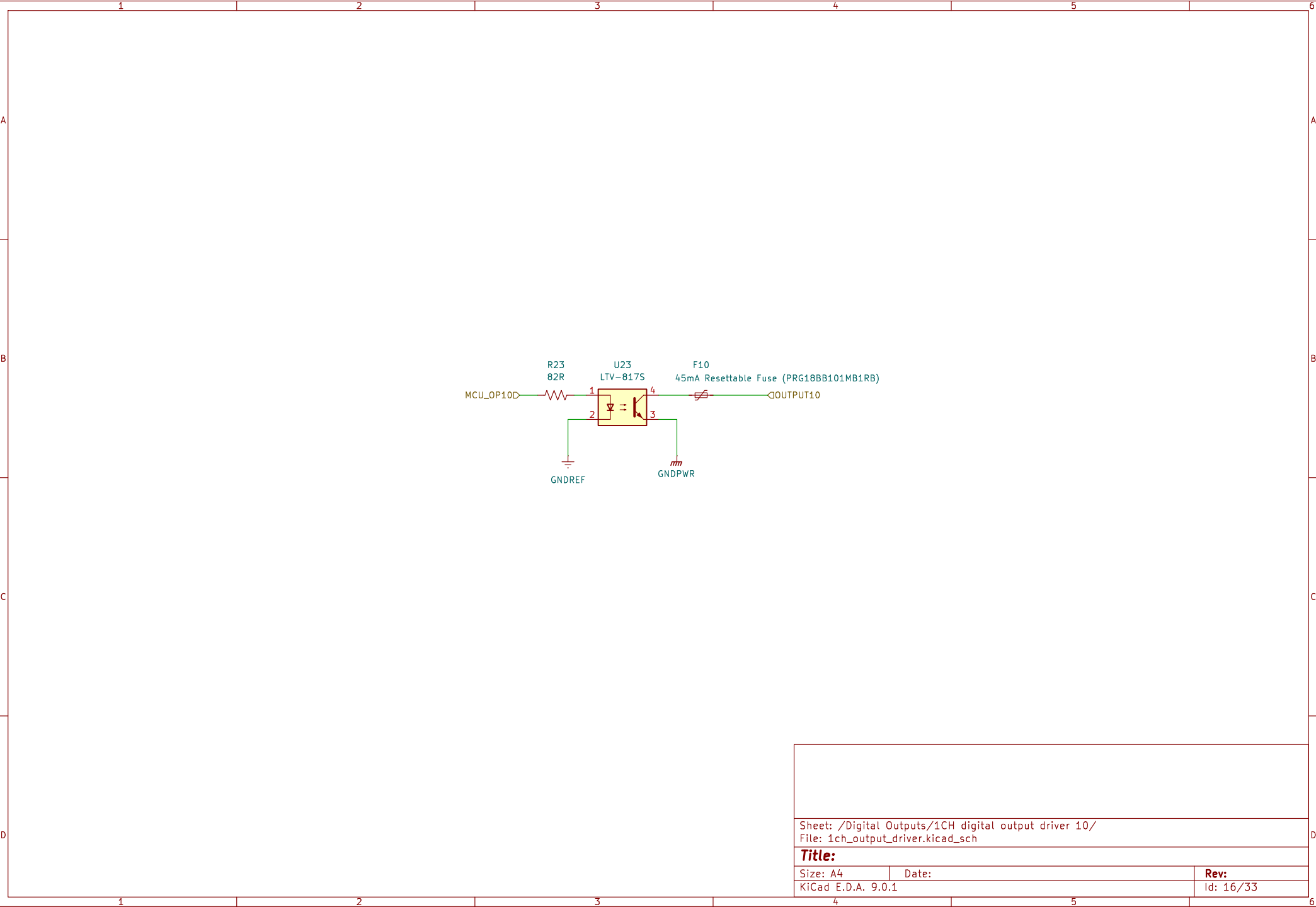
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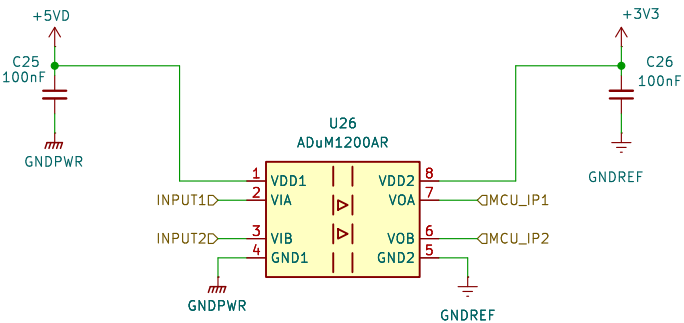
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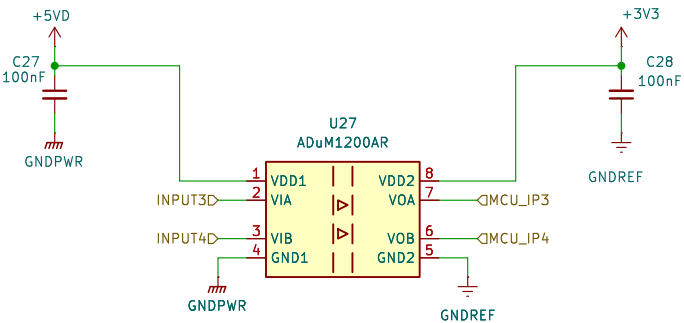
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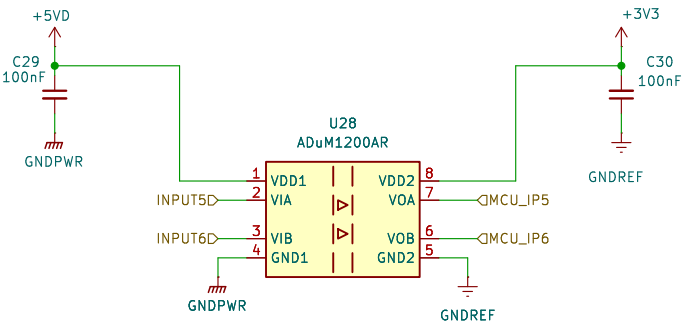
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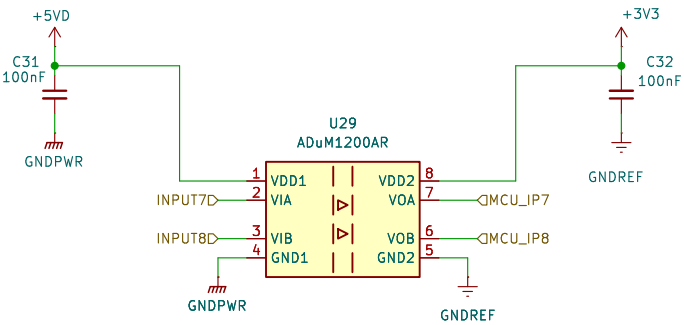
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Sheet: /Inputs/Digital Input 7&8/  
File: DigitalIn.kicad\_sch

**Title:**

Size: A4

Date:

KiCad E.D.A. 9.0.1

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