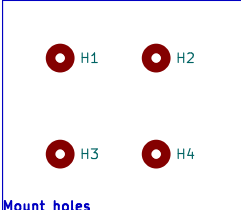
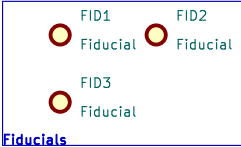


REMDx V3.0



Mount holes



Fiducials

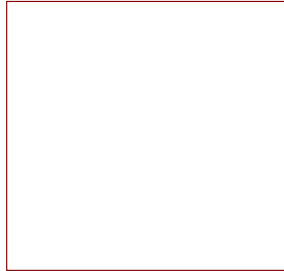
|Change list – 05/11–2022

- Reset pull–up resistor removed
- RC added to programmer reset pin
- SDCard_CS moved to PA10 (from PA11)
- UART interface removed
- USB added
- Diode between VUSB and +5V removed
- Clamp diode in ADC CLAMP moved to the input
- 3 way jumper used in ina226 bus voltage sense pin
- DC Input voltage limiter added
- Output signals configured as open–drain with resistor

|Change list – 15/01–2023

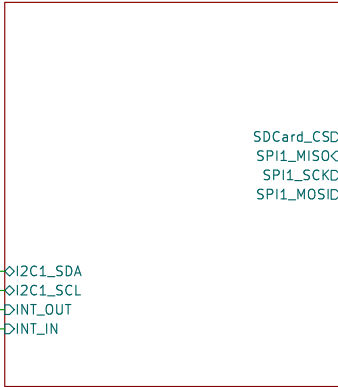
- VDC Input limit (2 additional zener diodes added to increase the cut–off voltage)
- LED1–3 changed to through hole LEDs
- IO connector changed to conn_2x10

Power



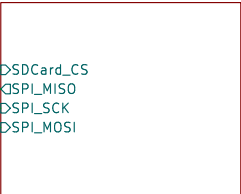
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MCU



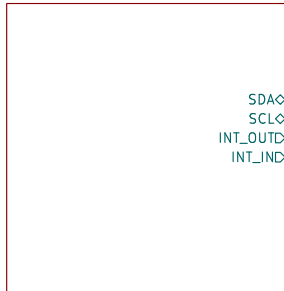
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SD CARD



File: sd_card.kicad_sch

Measurement Unit



File: meas_unit.kicad_sch

SDCard_CSD
SPI1_MISO
SPI1_SCK
SPI1_MOSI

SDCard_CS
SPL_MISO
SPL_SCK
SPL_MOSI

I2C1_SDA
I2C1_SCL
INT_OUT
INT_IN

SDA
SCL
INT_OUT
INT_IN

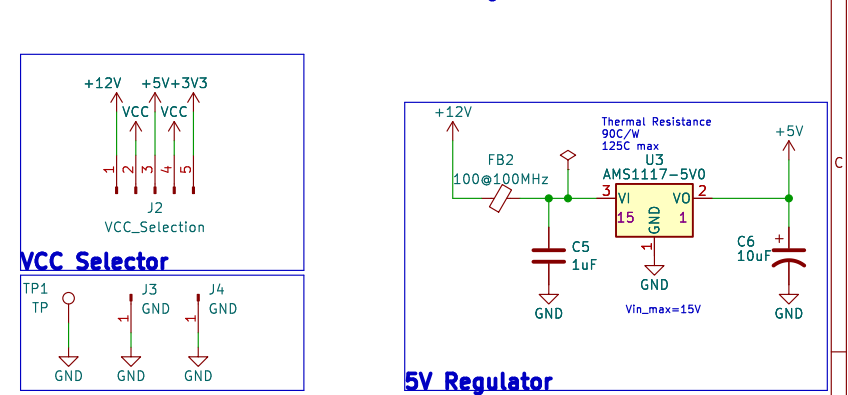
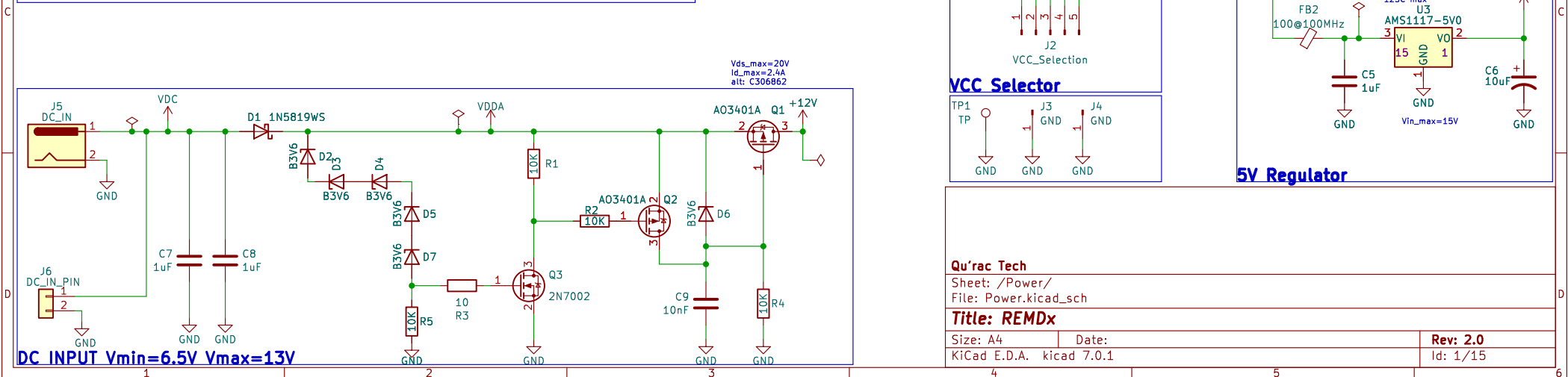
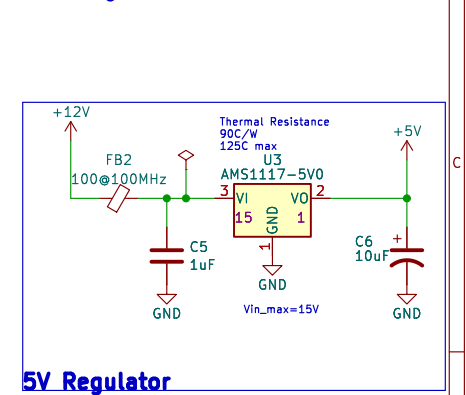
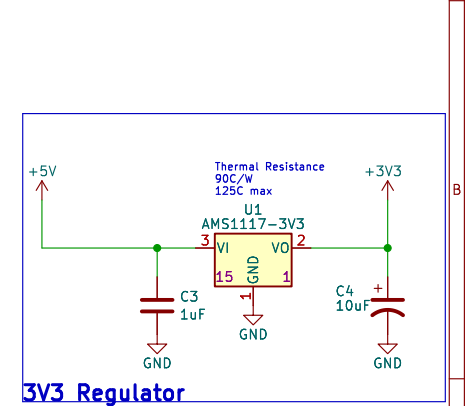
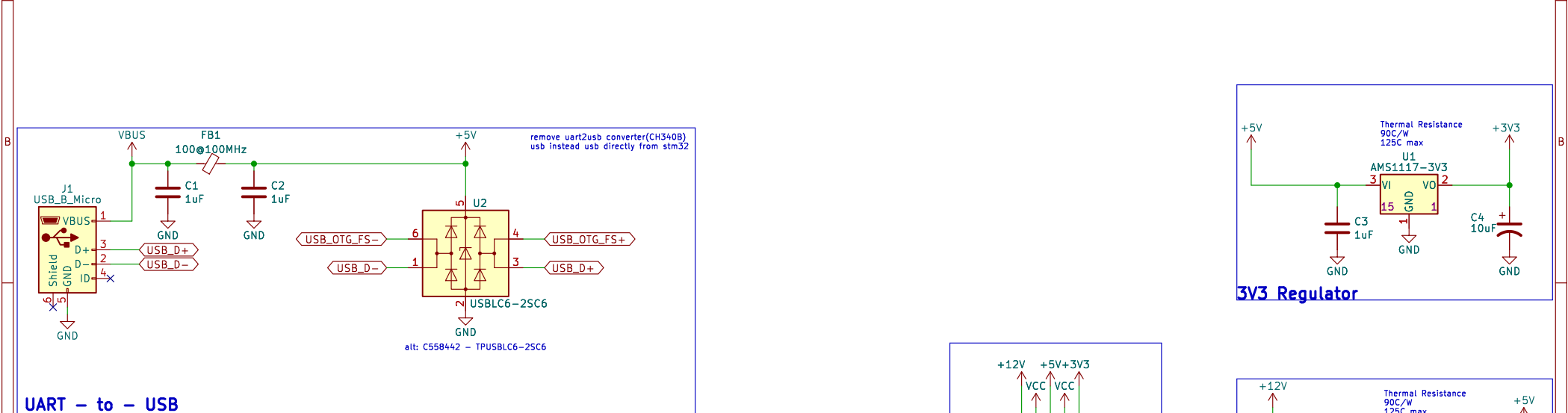
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Title: REMDx

Size: A3 Date: 2021–05–02
KiCad E.D.A. kicad 7.0.1

Rev: 3.0
Id: 1/15

[illegible]

Qu'rac Tech			
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KiCad E.D.A. kicad 7.0.1		Id: 1/15	

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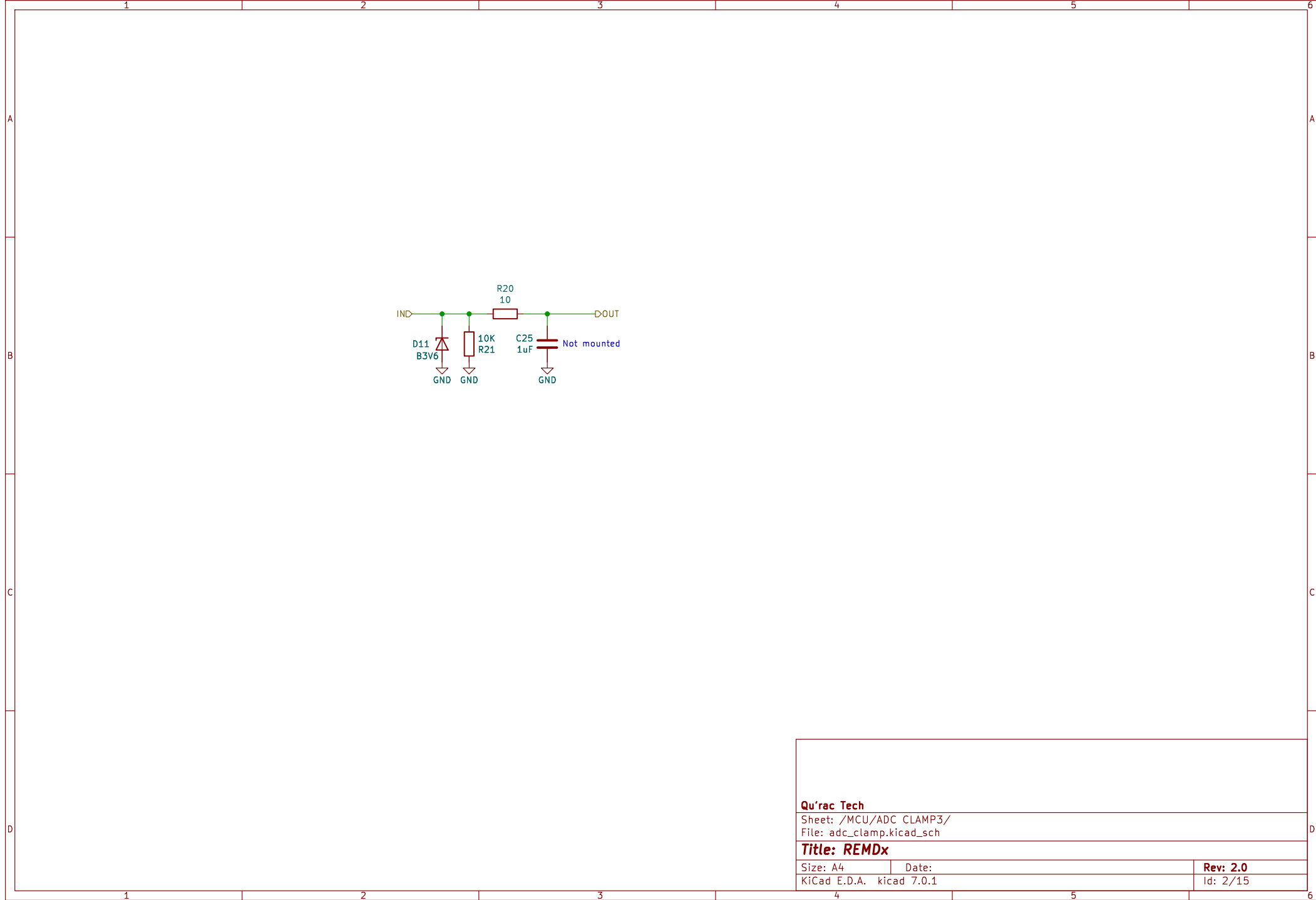
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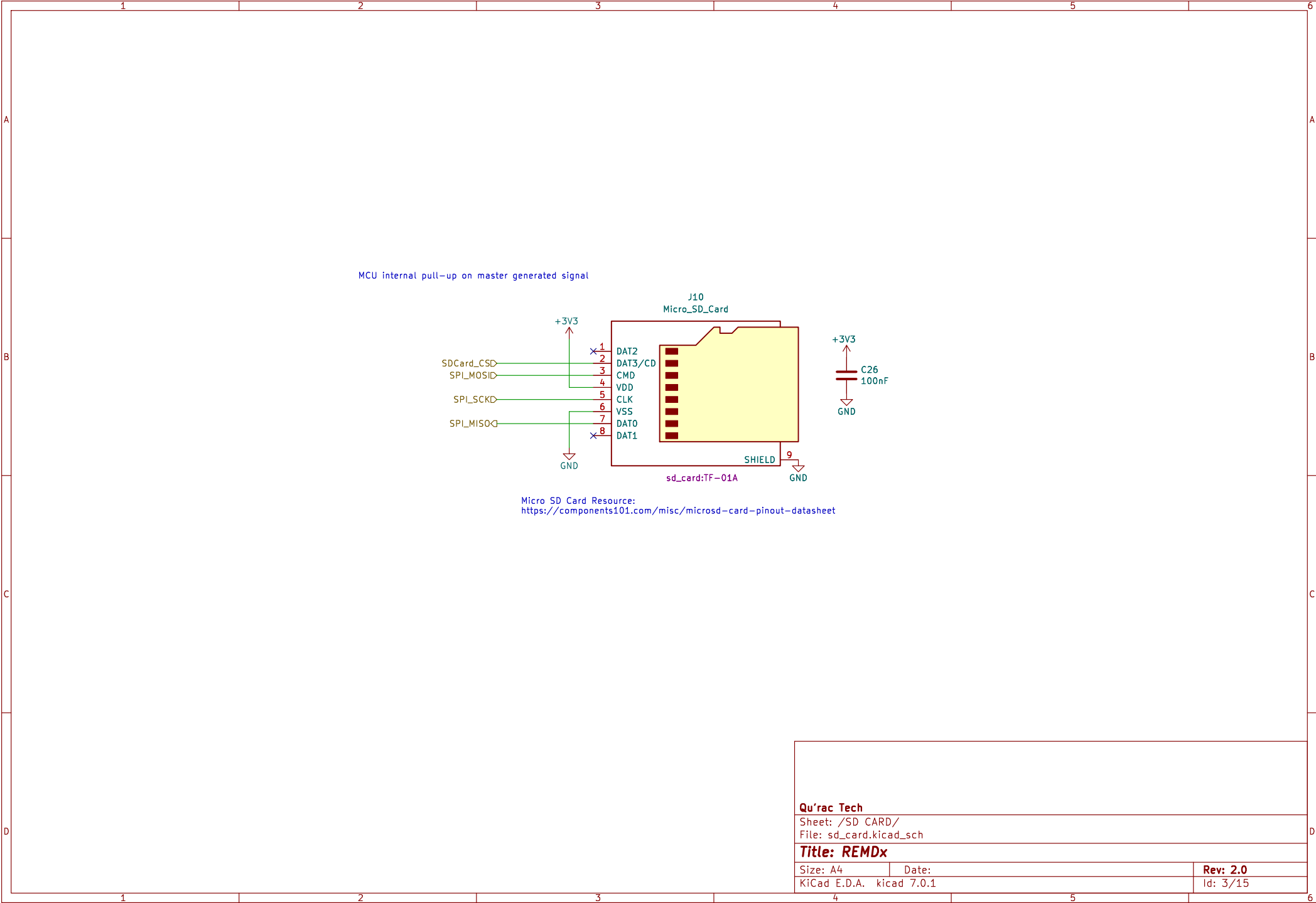
4	5	6
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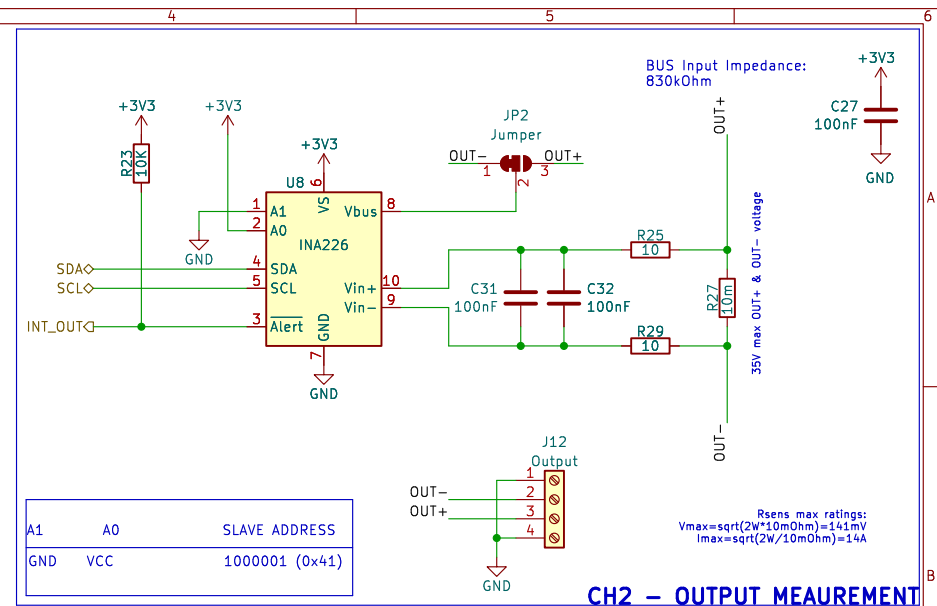
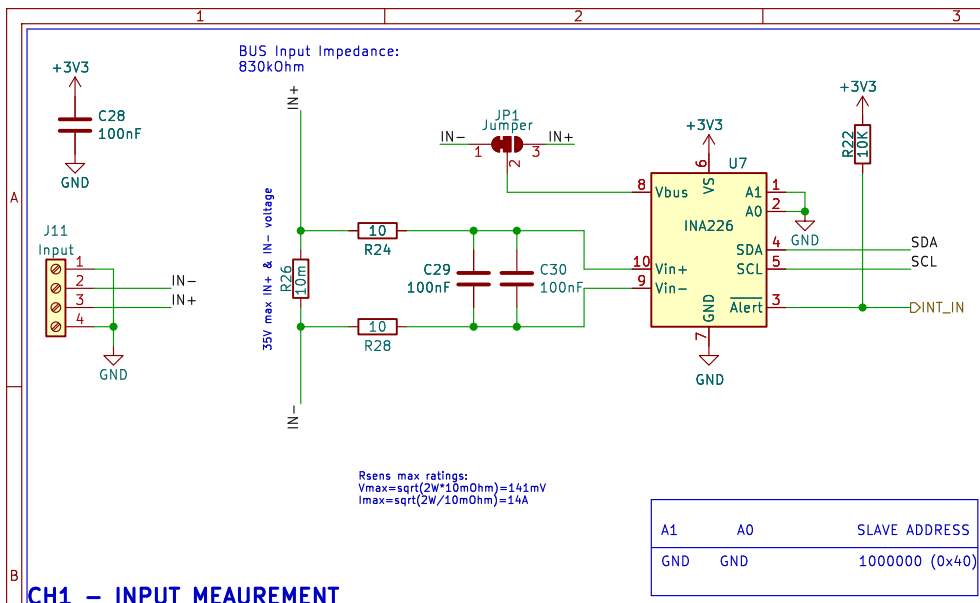
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6









Qu'rac Tech

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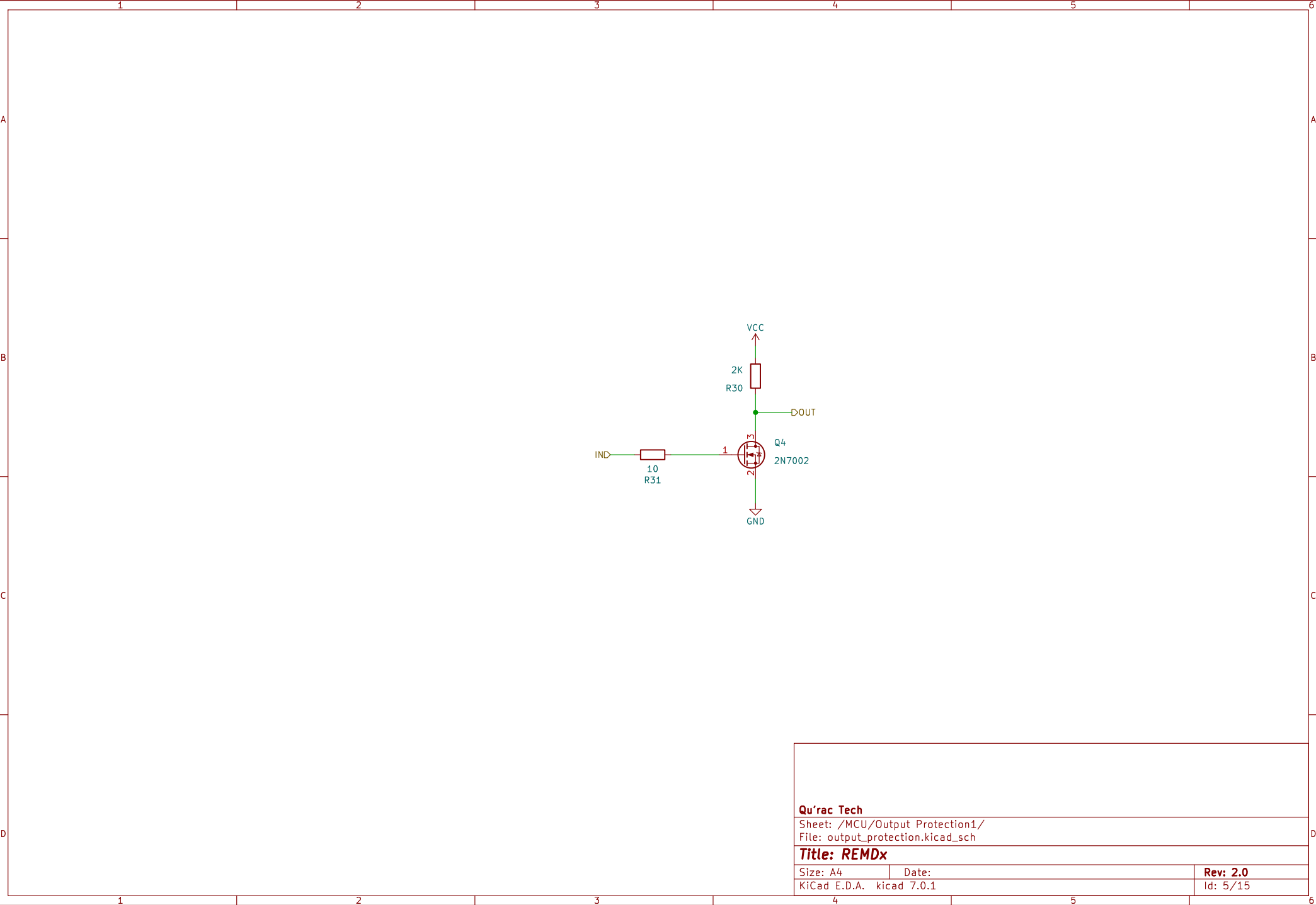
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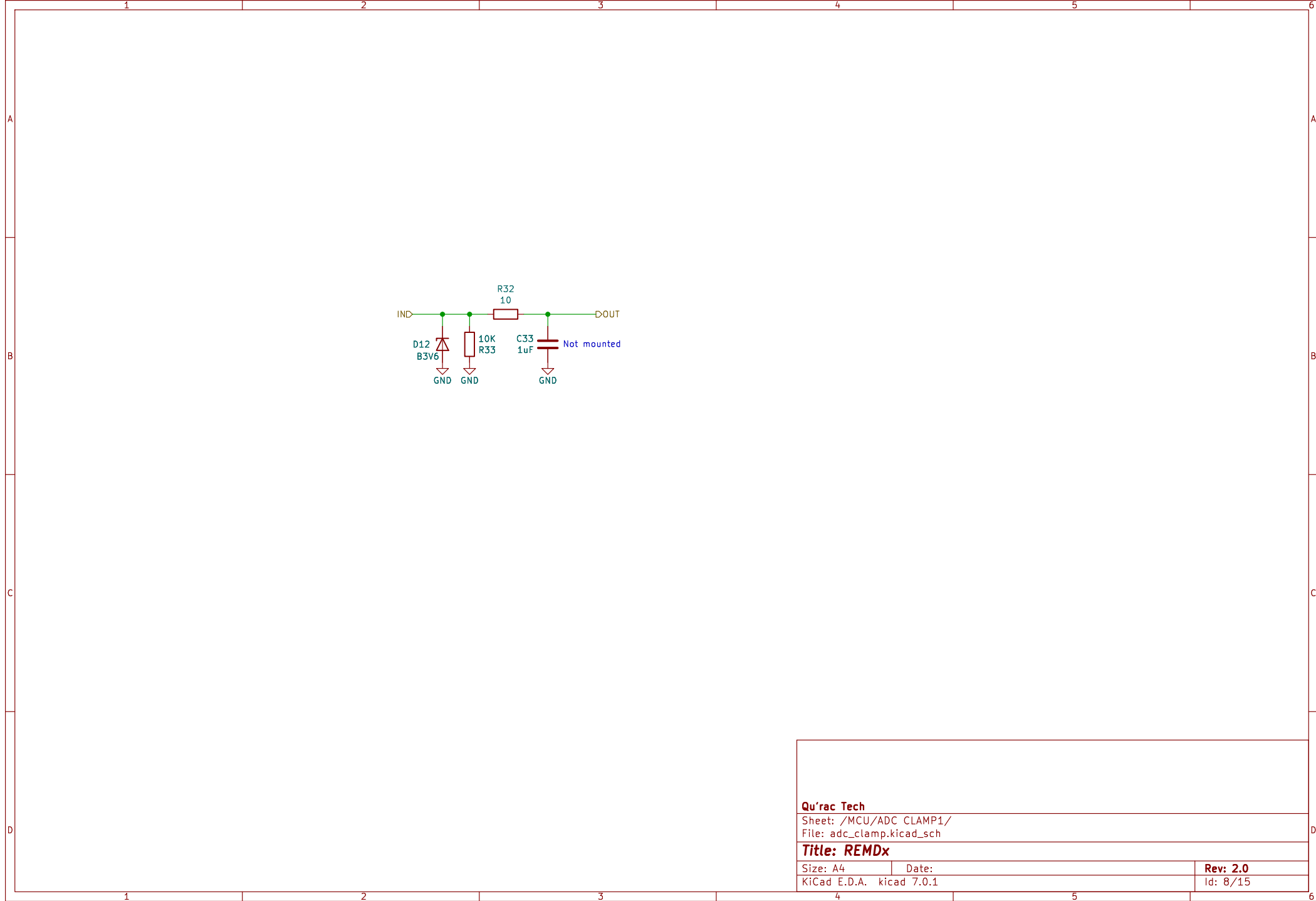
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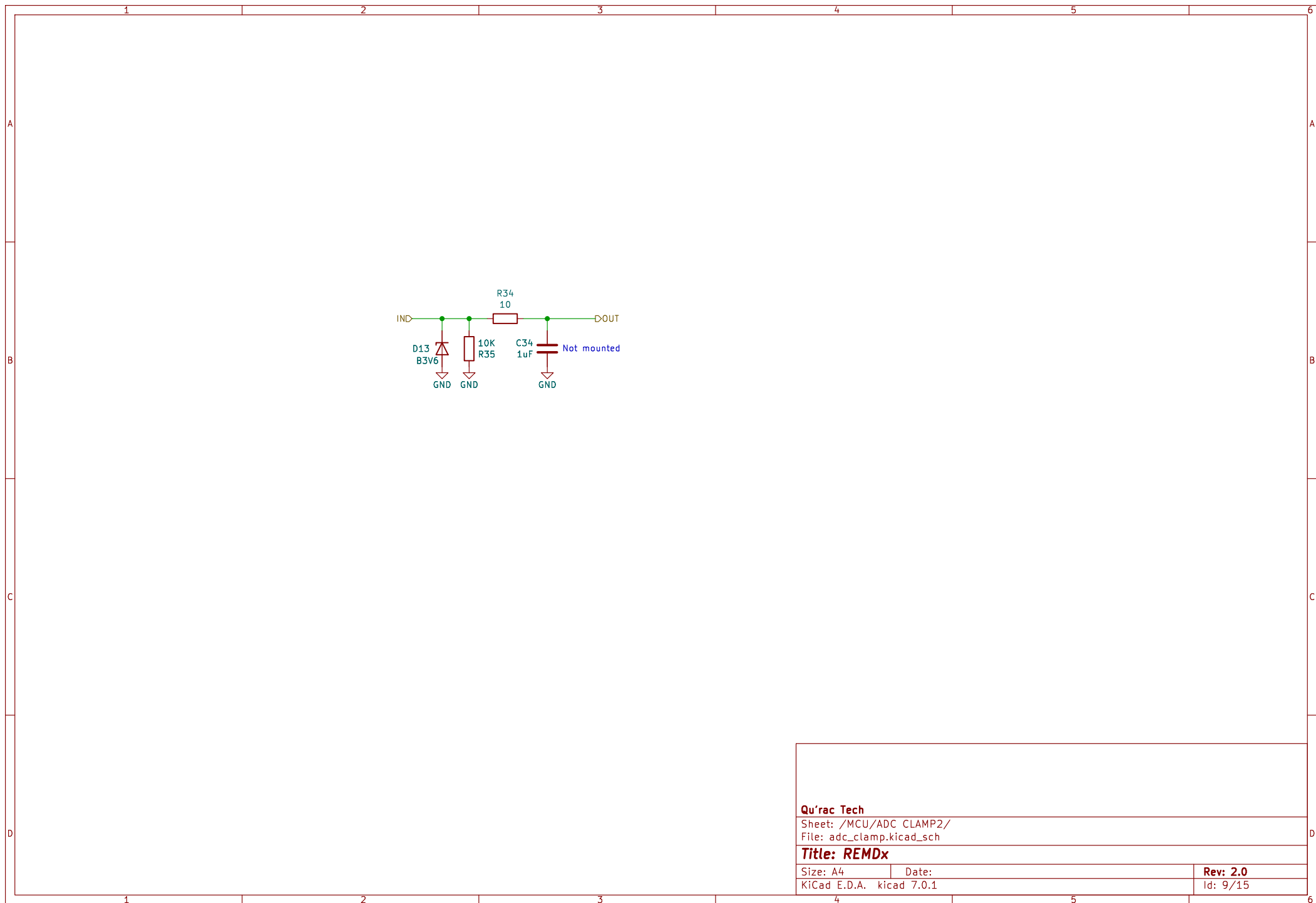
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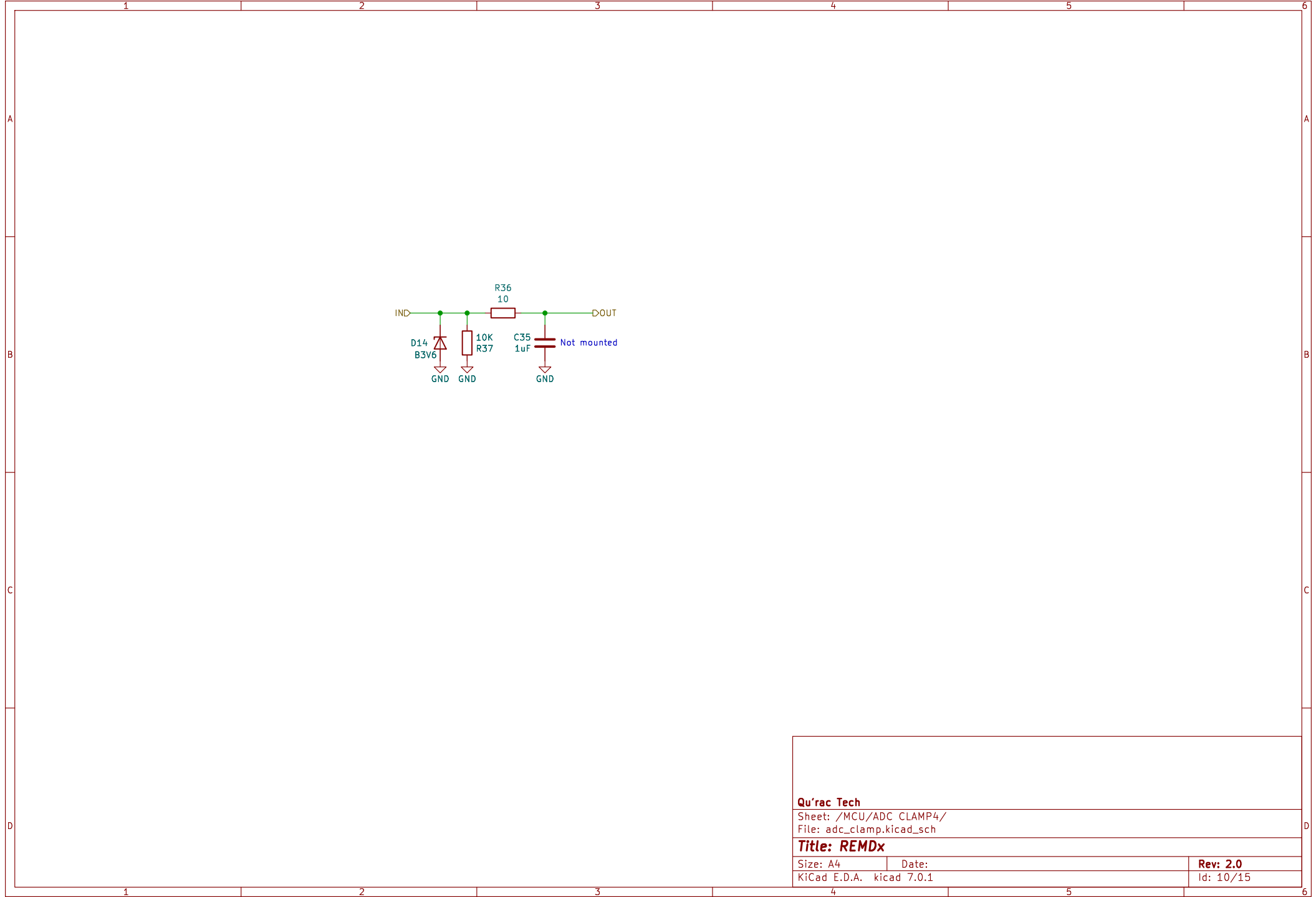
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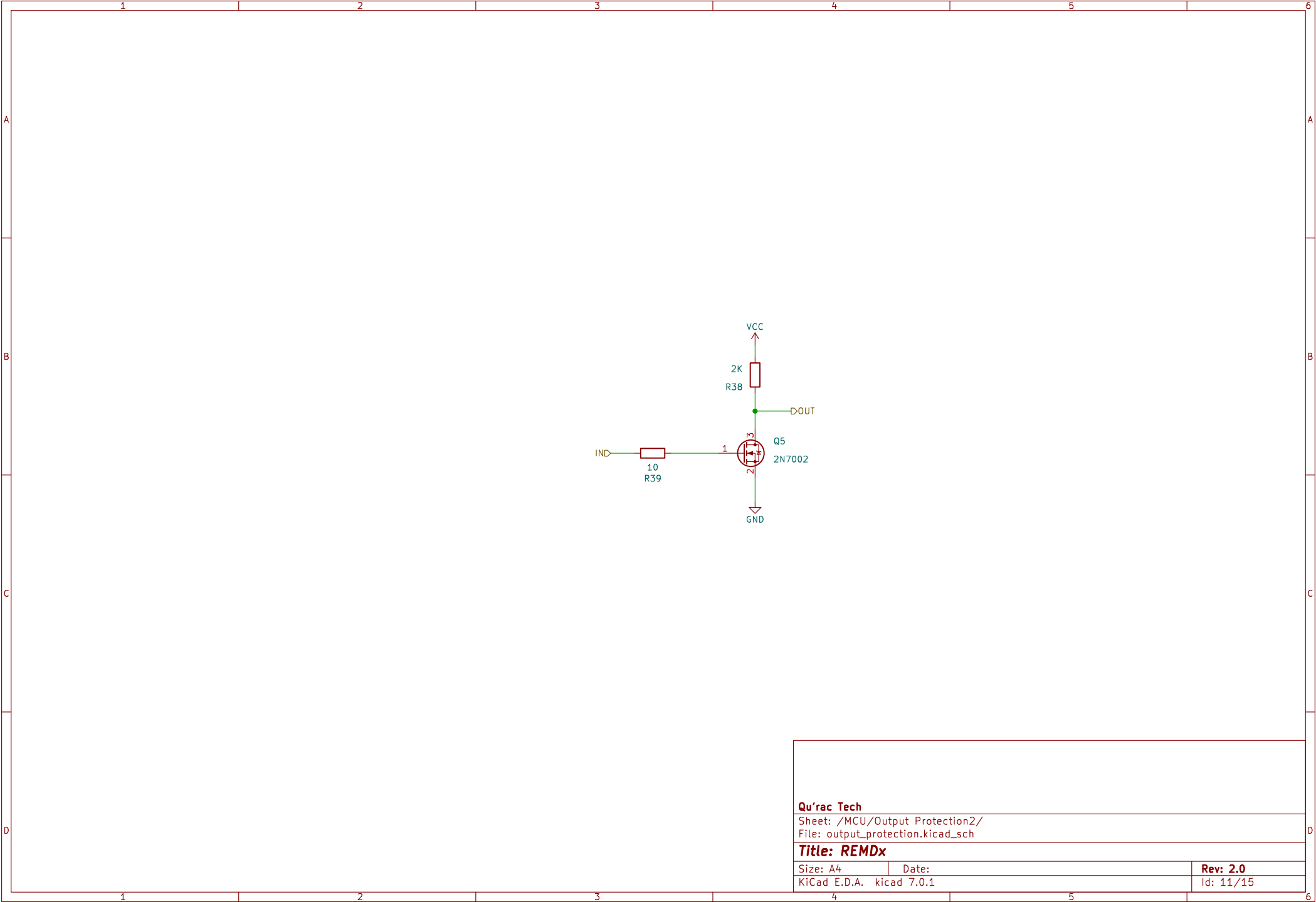


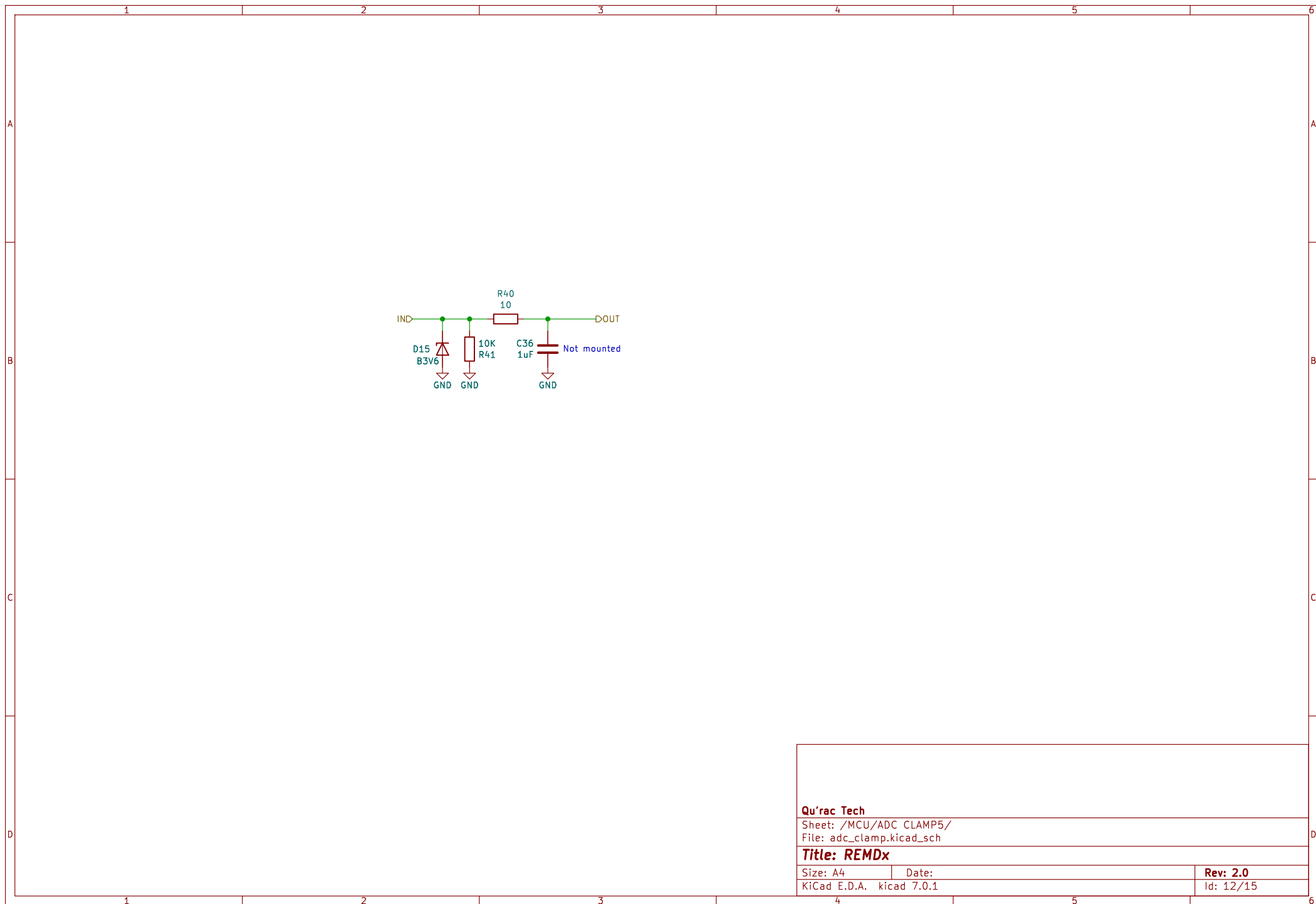
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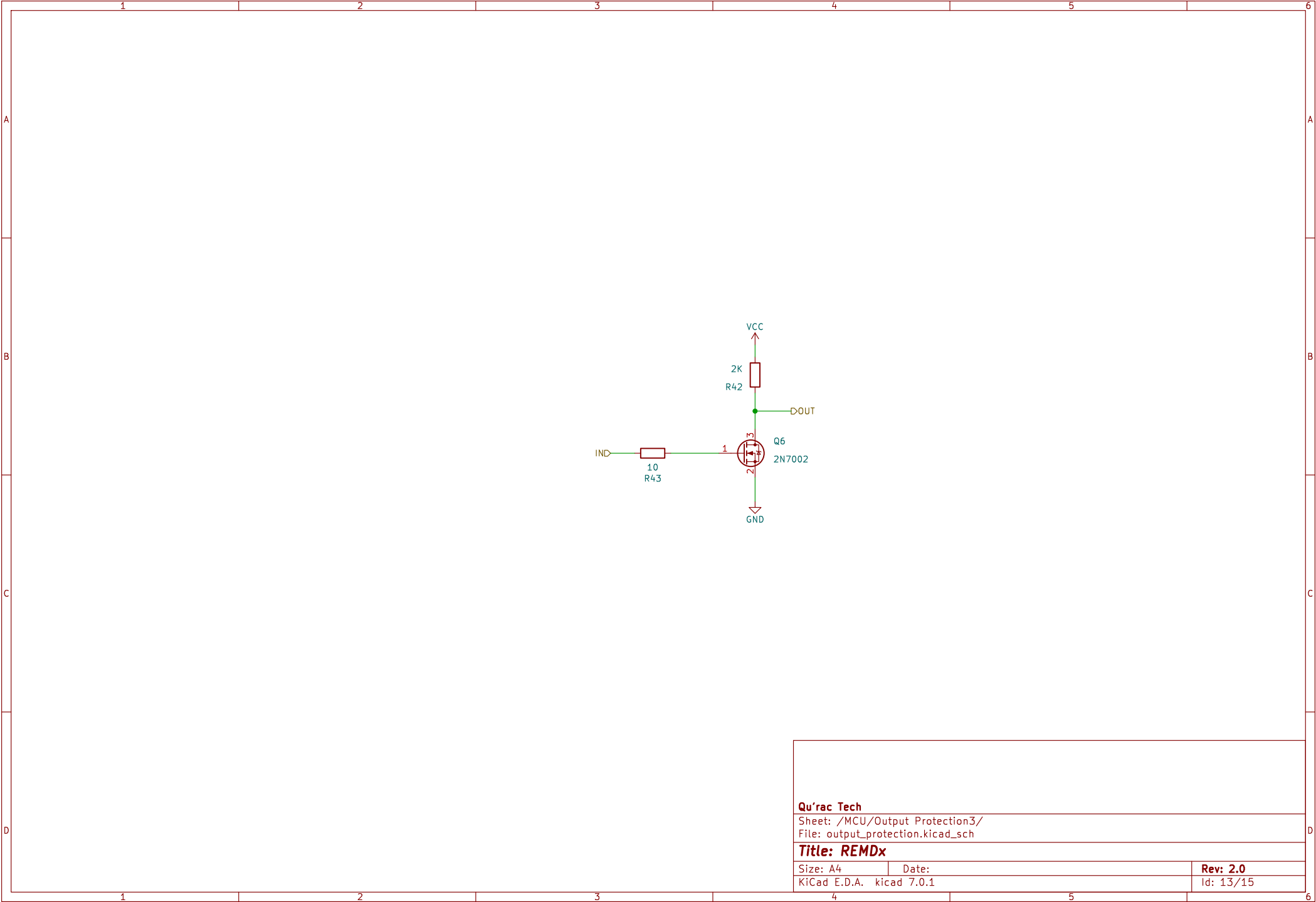




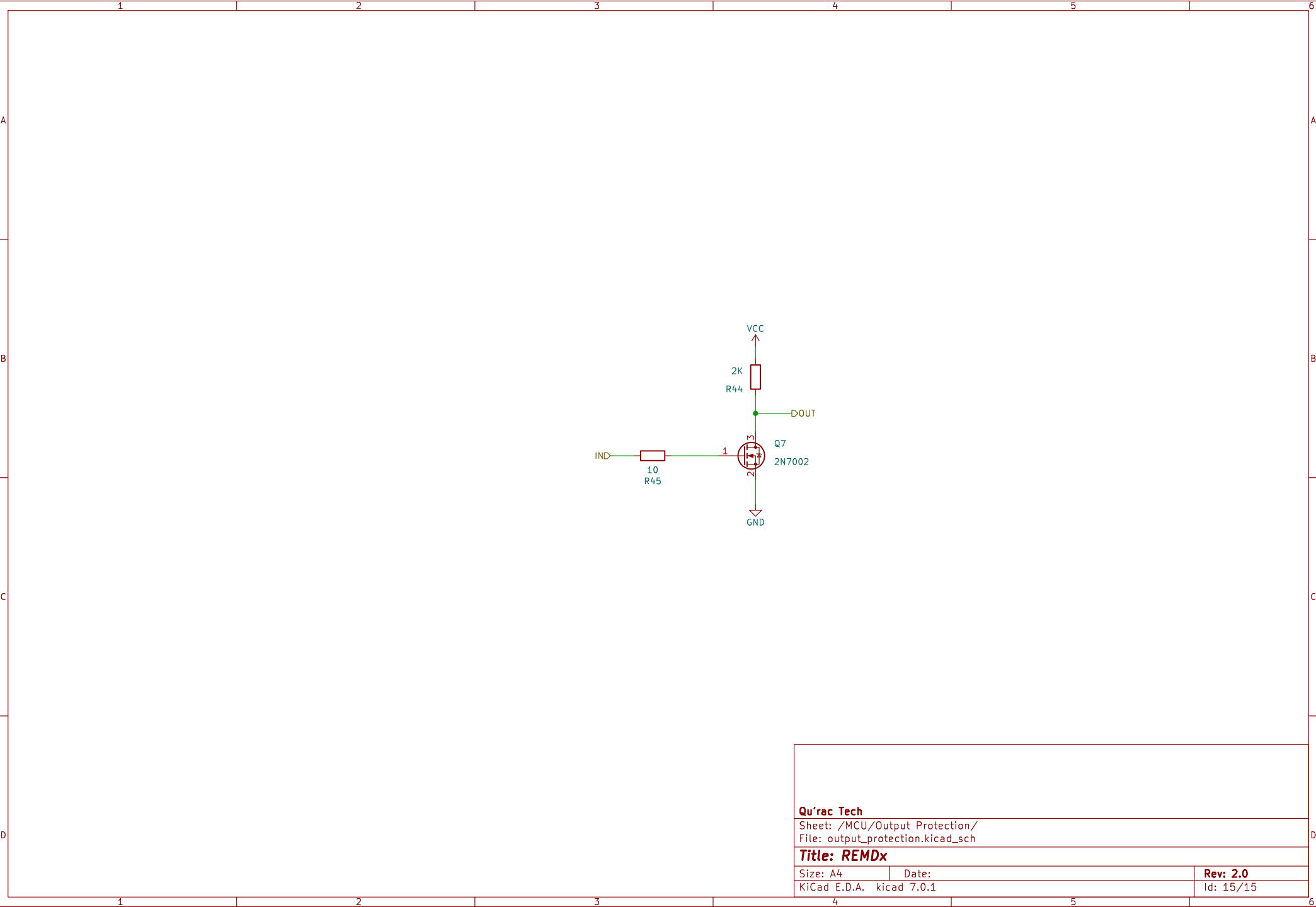








Qu'rac Tech		
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