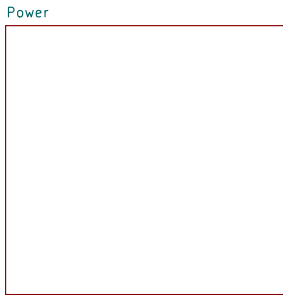
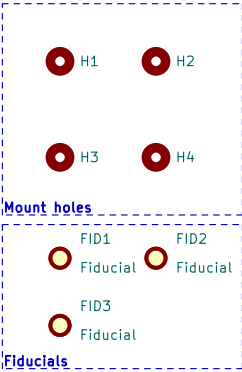
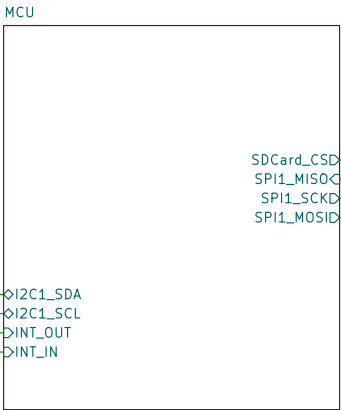


REMDx V2.0

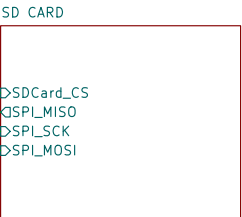
- | Change list – 05/11–2022 |
- Reset pull-up resistor removed
 - RC added to programmer reset pin
 - SDCard_CS moved to PA10 (from PA11)
 - UART interface removed
 - USB added
 - Diode between VUSB and +5V removed
 - Clamp diode in ADC CLAMP moved to the input
 - 3 way jumper used in ina226 bus voltage sense pin
 - DC Input voltage limiter added
 - ~~Output signals configured as open-drain with resistor~~



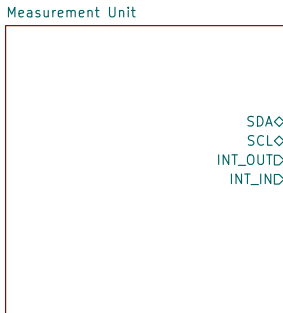
File: Power.kicad_sch



File: MCU.kicad_sch



File: sd_card.kicad_sch



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

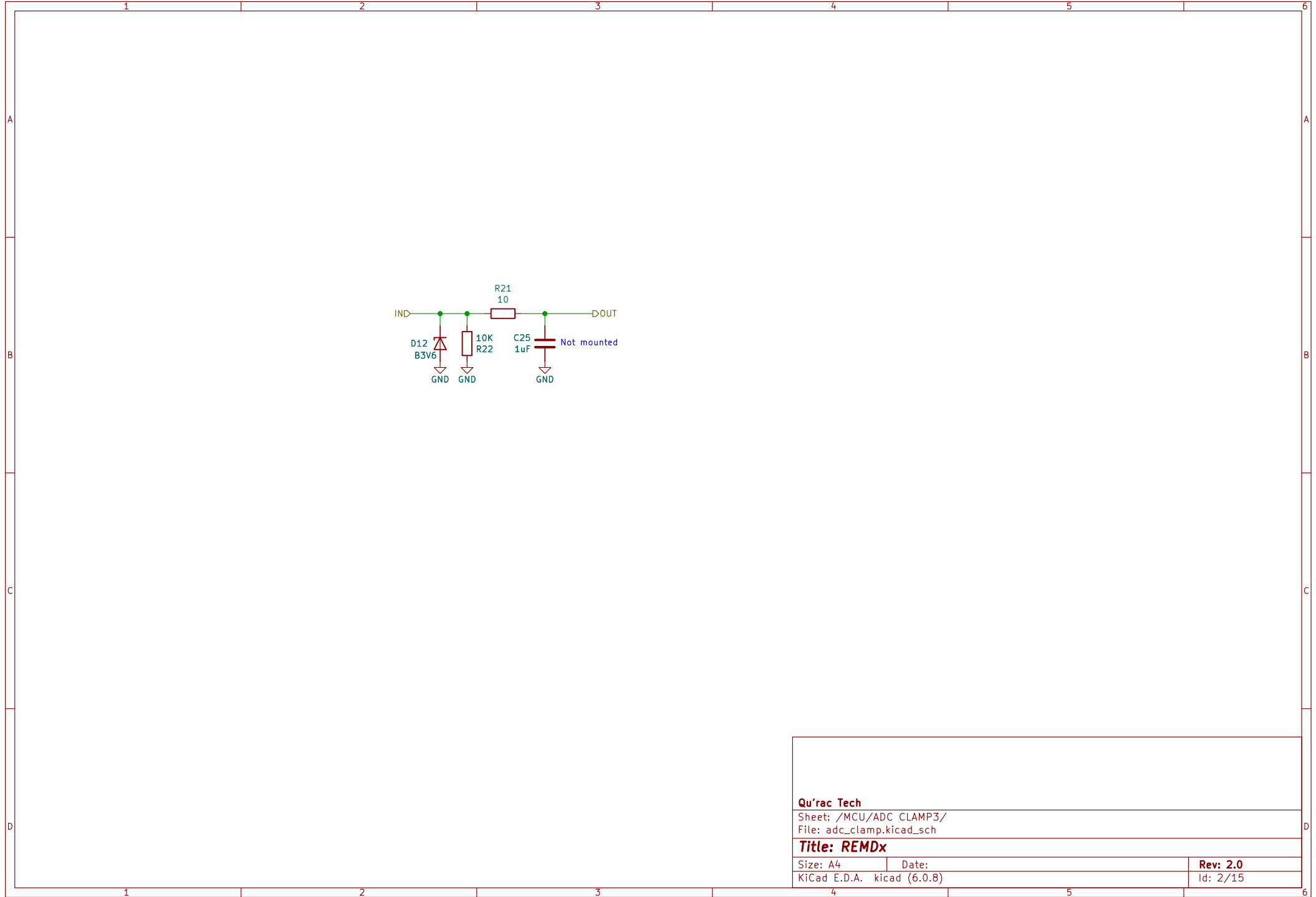
Qu'rac Tech

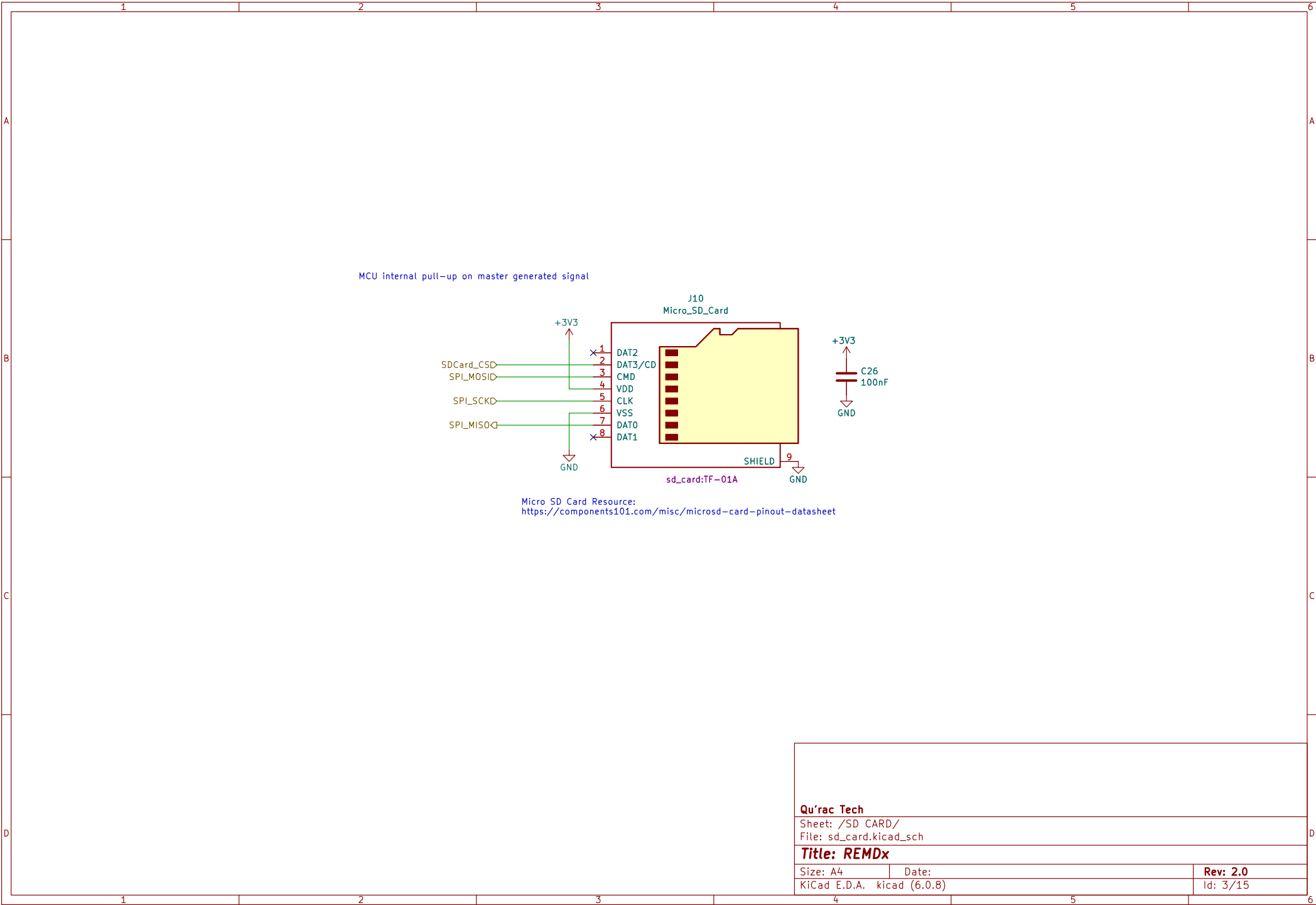
Sheet: /
File: remd.kicad_sch

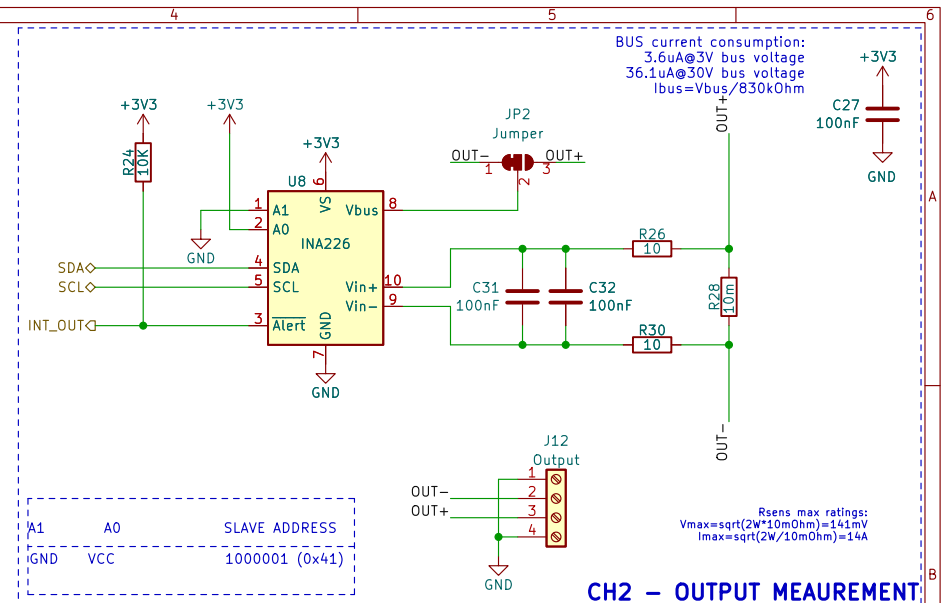
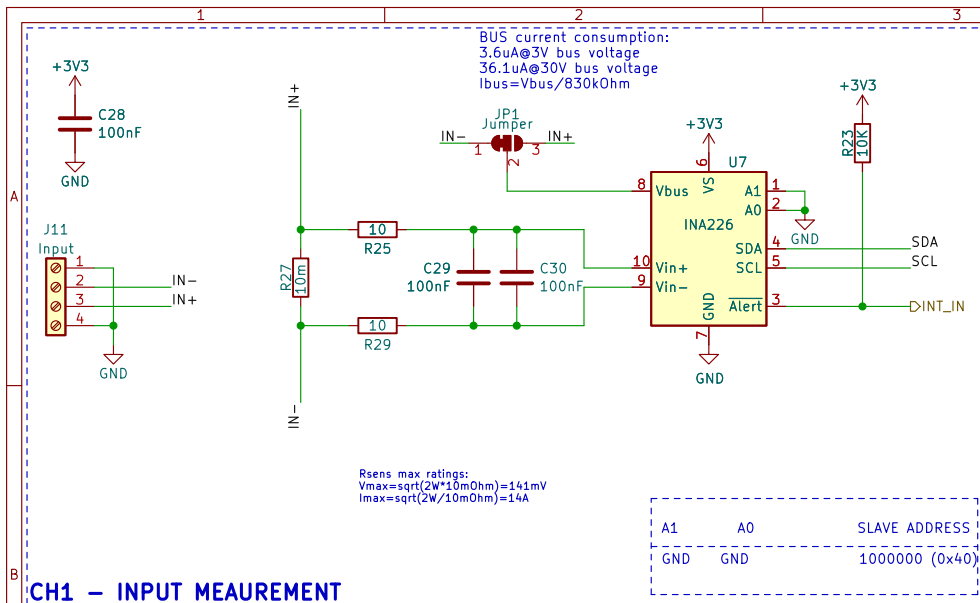
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Size: A3 Date: 2021-05-02
KiCad E.D.A. kicad (6.0.8)

Rev: 2.0
Id: 1/15







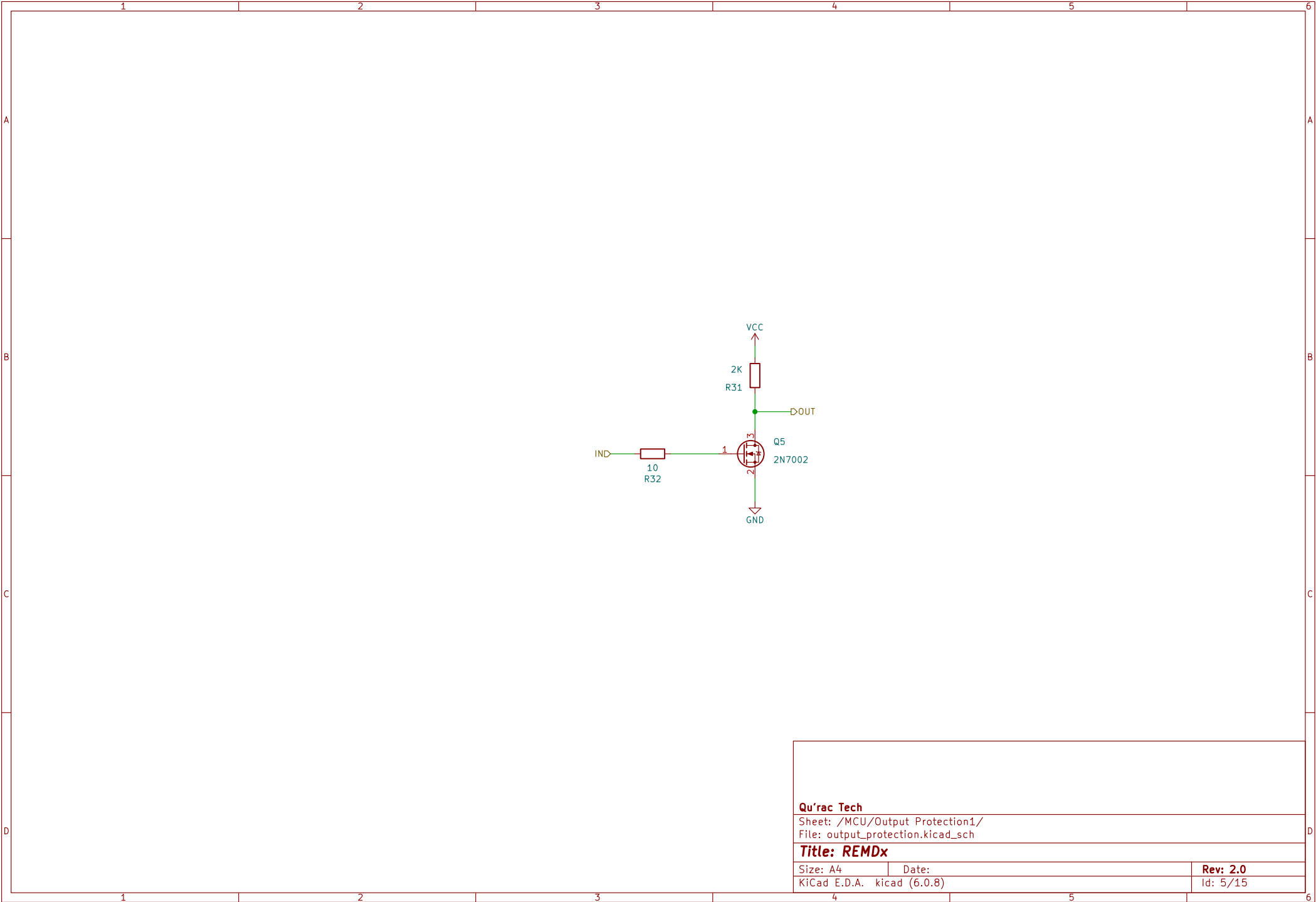
Qu'rac Tech

Sheet: /Measurement Unit/
File: meas_unit.kicad_sch

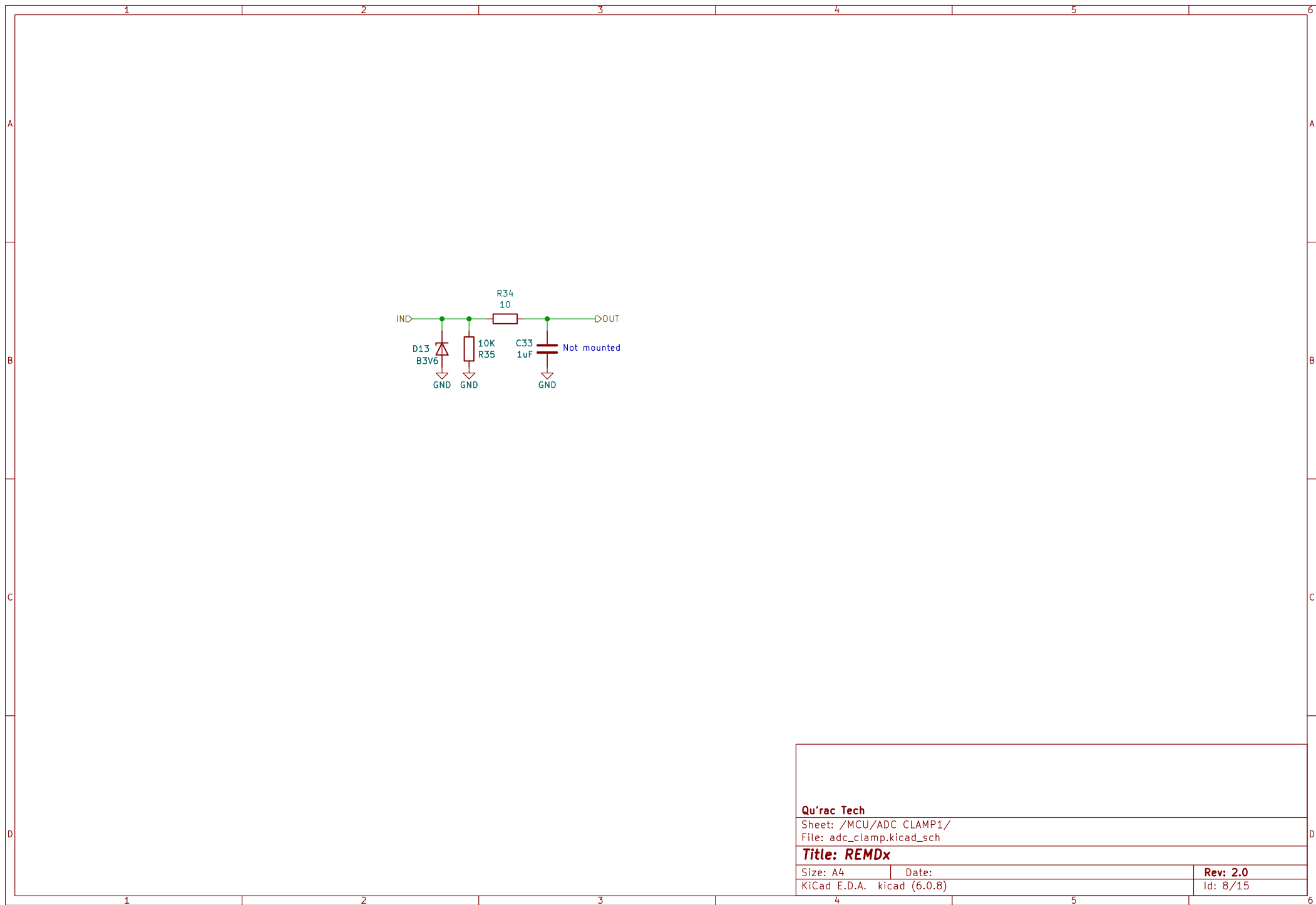
Title: REMDx

Size: A4 Date:
KiCad E.D.A. kicad (6.0.8)

Rev: 2.0
Id: 4/15



Qu'rac Tech		
Sheet: /MCU/Output Protection1/ File: output_protection.kicad_sch		
Title: REMDx		
Size: A4	Date:	Rev: 2.0
KiCad E.D.A. kicad (6.0.8)		Id: 5/15

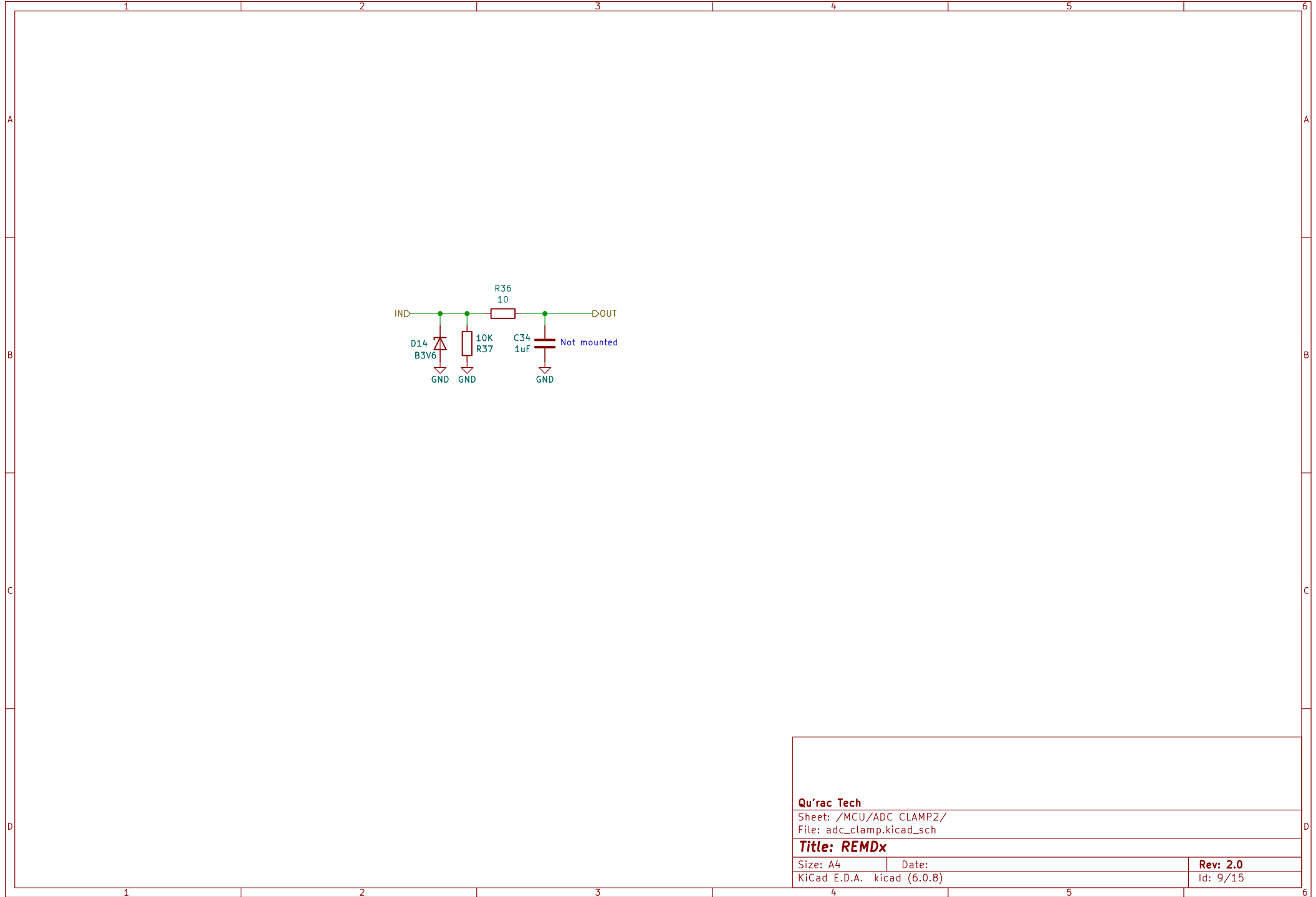


Qu'rac Tech

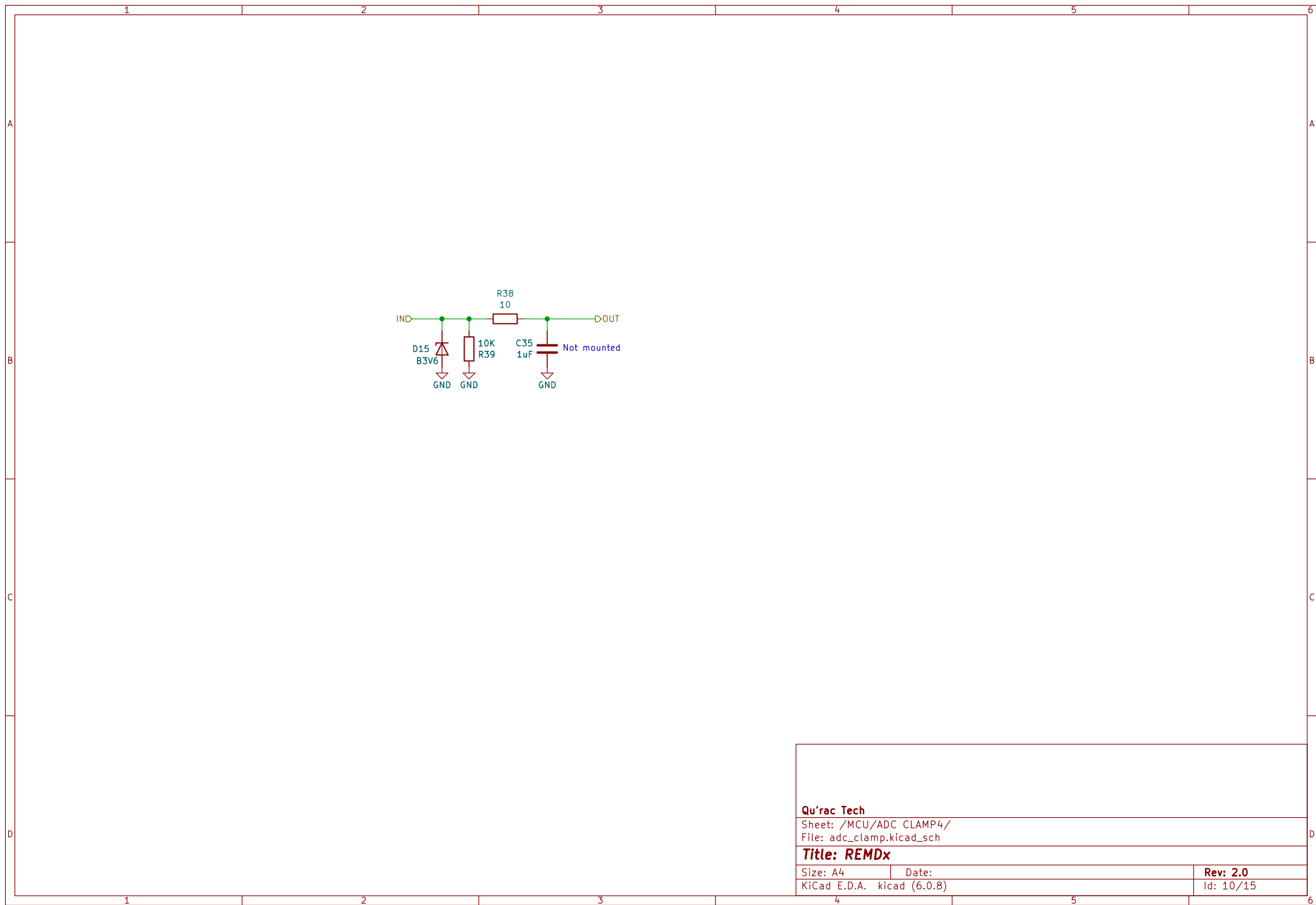
Sheet: /MCU/ADC CLAMP1/
File: adc_clamp.kicad_sch

Title: REMDx

Size: A4	Date:	Rev: 2.0
KiCad E.D.A. kicad (6.0.8)		Id: 8/15



Qu'rac Tech		
Sheet: /MCU/ADC CLAMP2/		
File: adc_clamp.kicad_sch		
Title: REMDx		
Size: A4	Date:	Rev: 2.0
KiCad E.D.A. kicad (6.0.8)		Id: 9/15



Qu'rac Tech

Sheet: /MCU/ADC CLAMP4/
File: adc_clamp.kicad_sch

Title: REMDx

Size: A4	Date:	Rev: 2.0
KiCad E.D.A. kicad (6.0.8)		Id: 10/15

