

by: Hardik Rathod  
<https://github.com/hardikrathod4/Temperature-Data-Logger>

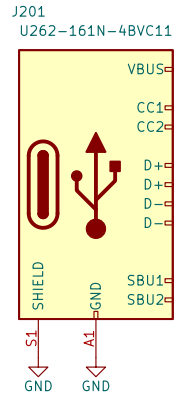
OPENSOURCE (MIT License)

Sheet: /  
File: Temperature\_Data\_Logger\_v3.kicad\_sch

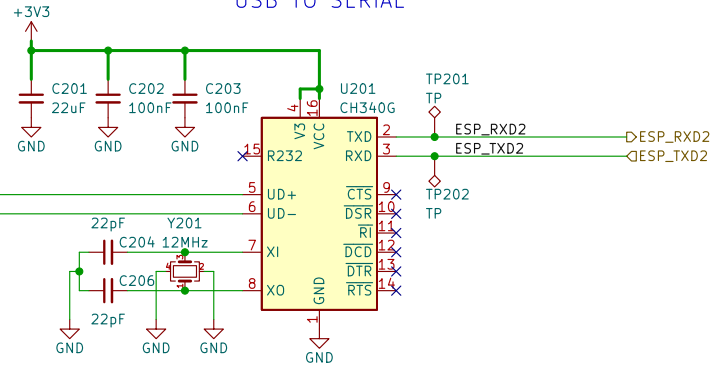
**Title: 5 Channel K Thermocouple Temperature Data Logger**

Size: A4	Date: 2022-04-12	Rev: 3.0
KiCad E.D.A. kicad (6.0.0)		Id: 1/4

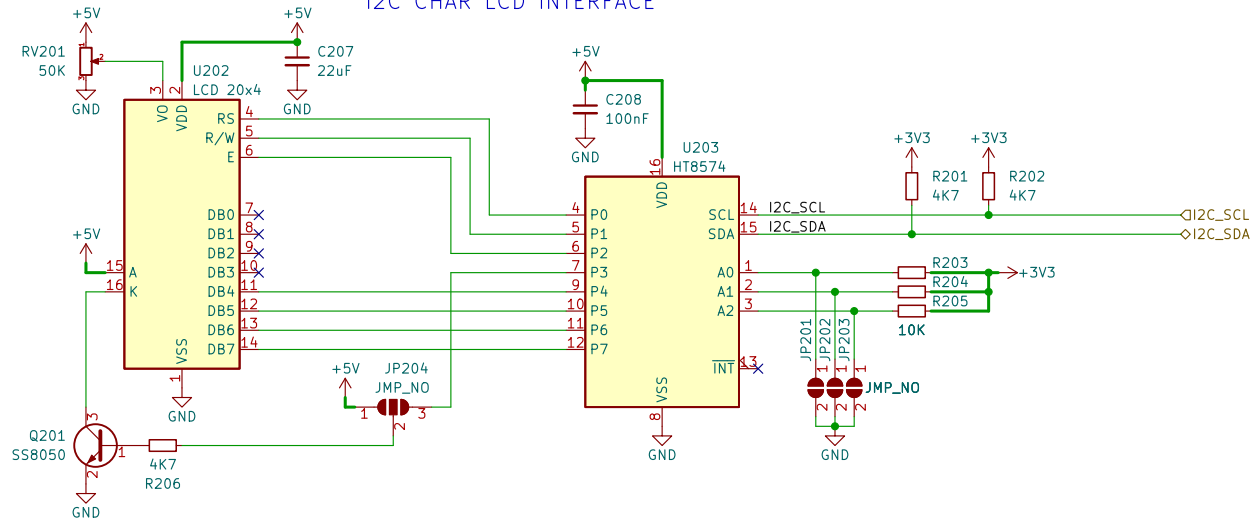
# POWER AND DATA USB



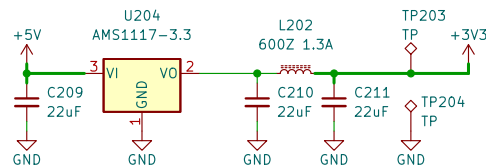
# USB TO SERIAL



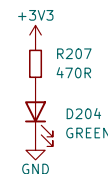
# I2C CHAR LCD INTERFACE



# +5V to +3V3 (1A)



# POWER INDICATOR



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Sheet: /LCD and USB/  
 File: LCD and USB.kicad\_sch

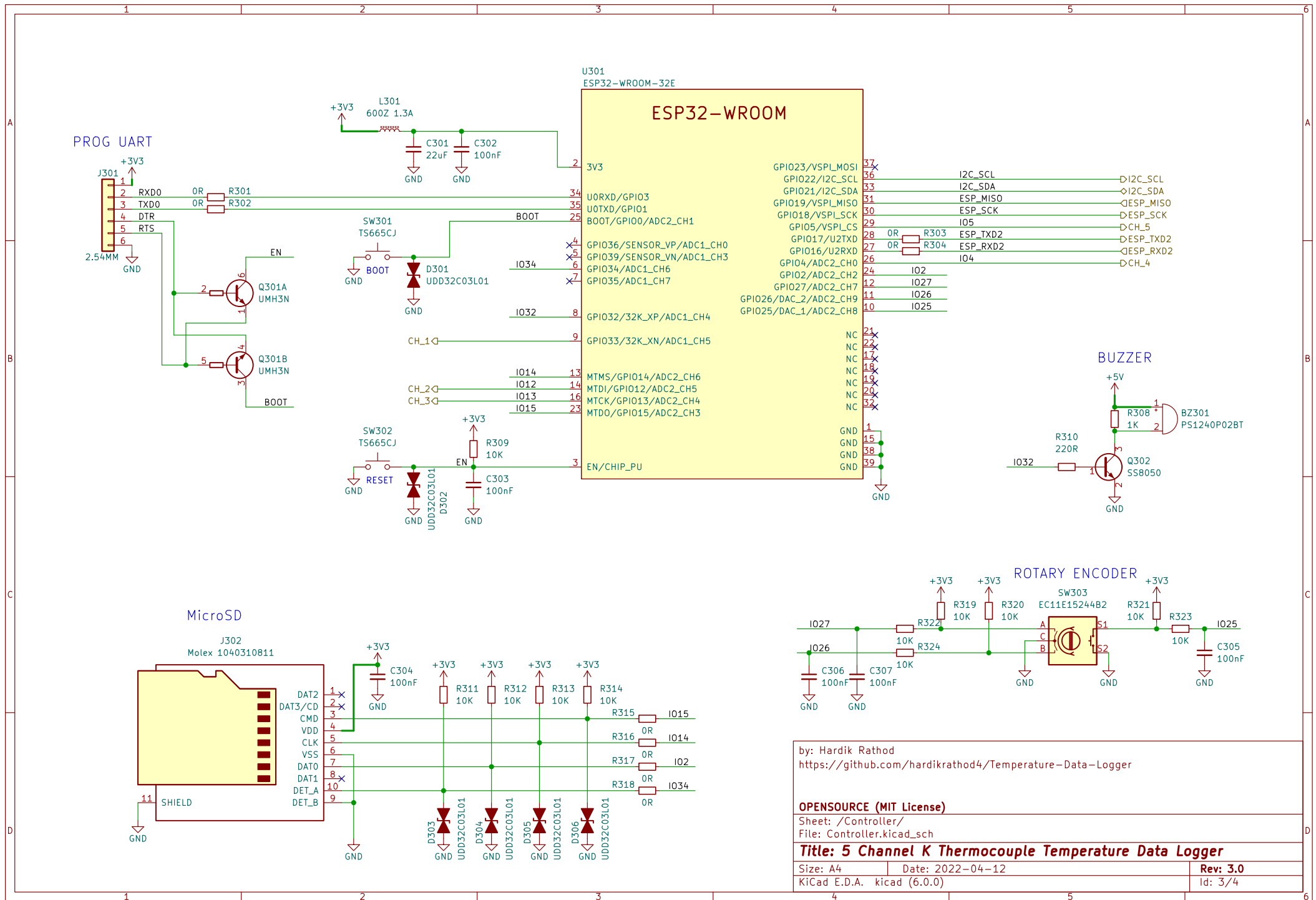
**Title: 5 Channel K Thermocouple Temperature Data Logger**

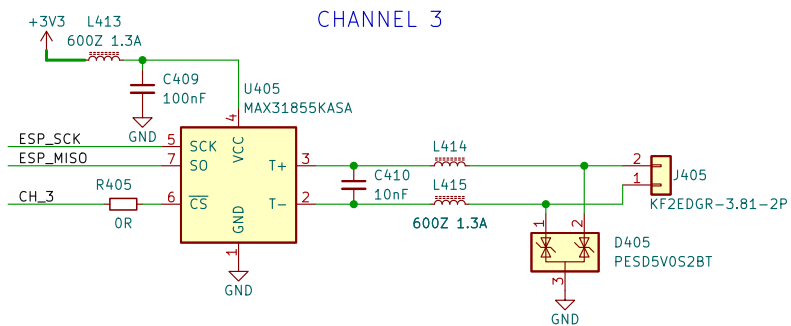
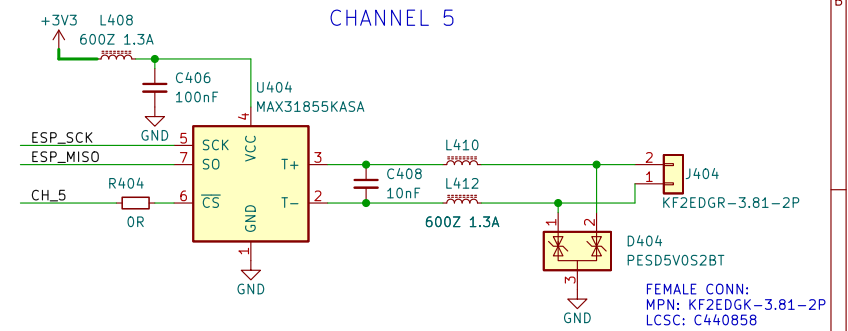
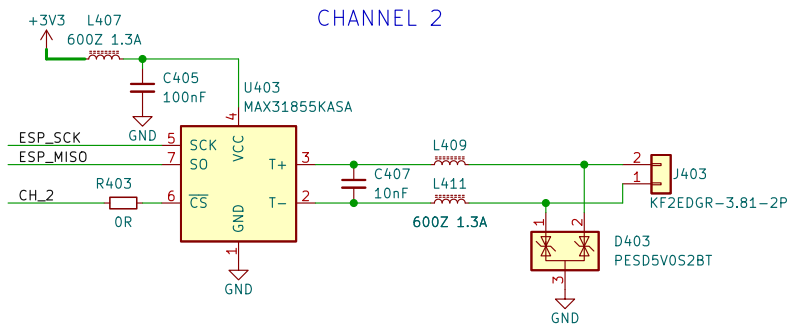
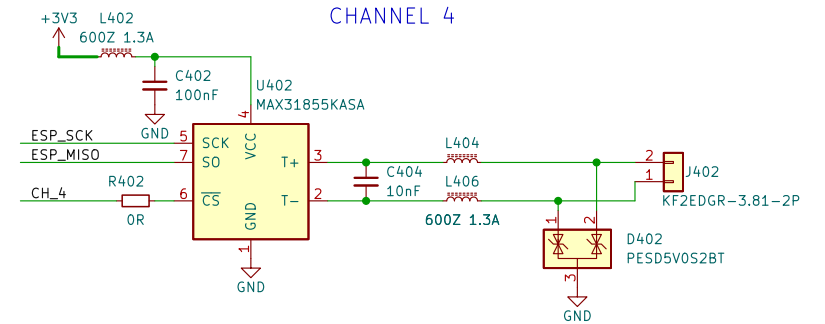
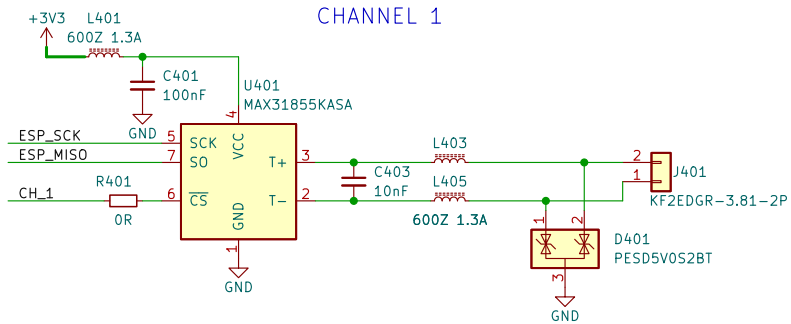
Size: A4 Date: 2022-04-12

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**Rev: 3.0**

Id: 2/4





ESP\_SCK  
ESP\_MISO  
CH\_1  
CH\_2  
CH\_3  
CH\_4  
CH\_5

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Sheet: /Thermocouple Inputs/  
File: Thermocouple Inputs.kicad\_sch

Title: 5 Channel K Thermocouple Temperature Data Logger

Size: A4 Date: 2022-04-12

Rev: 3.0

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Id: 4/4