

	1	2	3	4	5	6
A						A
B	<div>Power_management</div> <div>File: Power_management.kicad_sch</div>	<div>Microcontroller</div> <div>File: Microcontroller.kicad_sch</div>	<div>Peripherals</div> <div>File: Peripherals.kicad_sch</div>	<div>Connectors</div> <div>File: Connectors.kicad_sch</div>		
C						C
D						D
	1	2	3	4	5	6

**Title: DATALOGGER01A**

Universal battery powered SDcard datalogger.

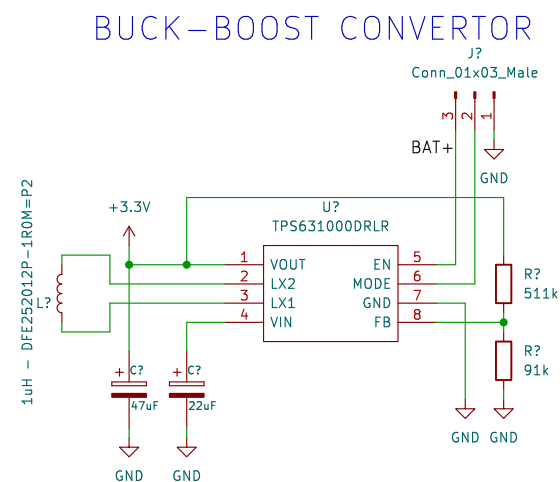
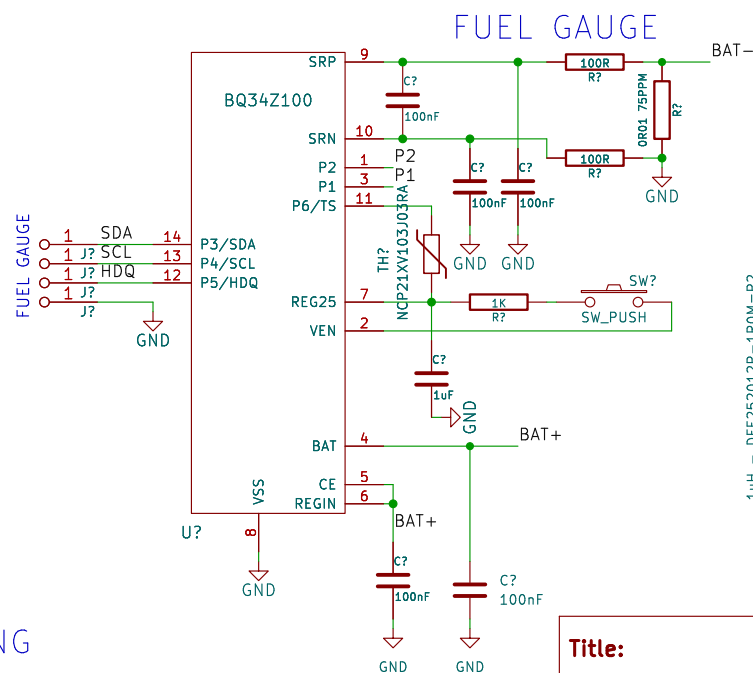
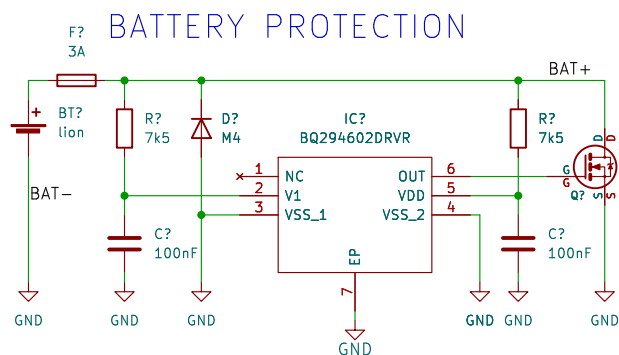
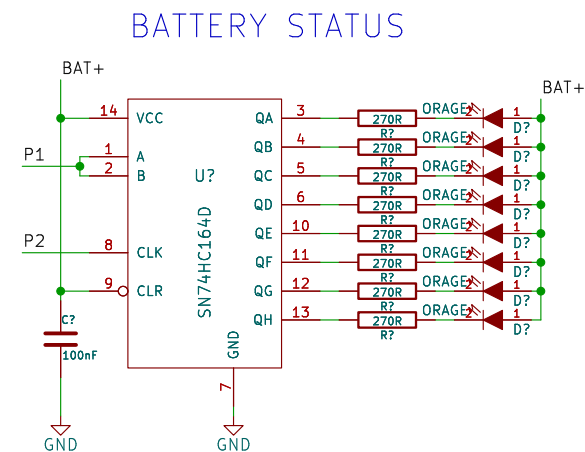
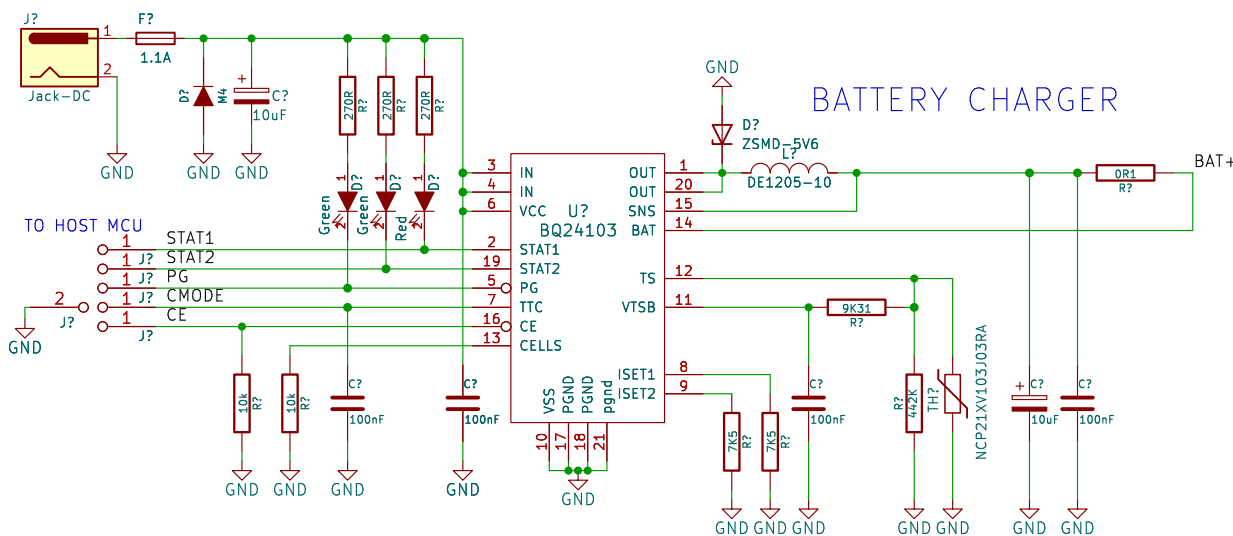
Author: Mlab [www.mlab.cz](http://www.mlab.cz)

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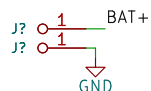
Page: 1/6

Date: 2022-08-14





## POWER OUTPUT MECHANICAL FIXING



Title:

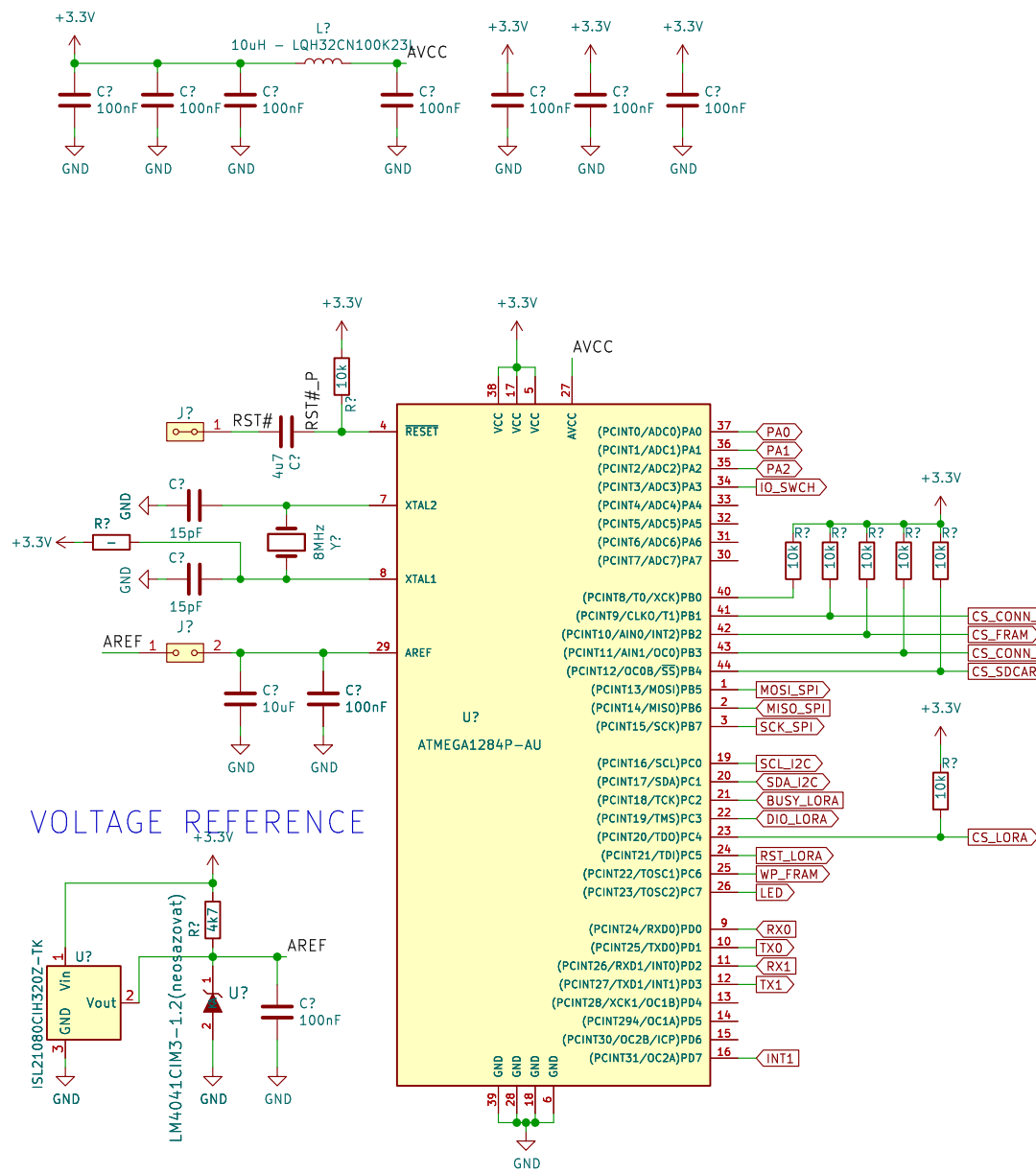
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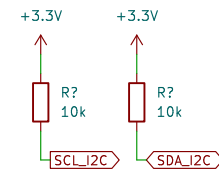
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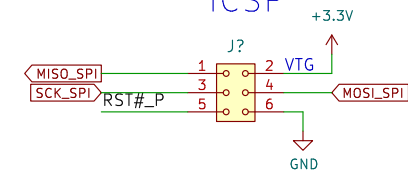


## VOLTAGE REFERENCE

## I2C PULL UPS



## ICSP



- PB0 -
- PB1 - CS\_CONN\_1
- PB2 - CS\_FRAM
- PB3 - CS\_CONN\_2
- PB4 - CS\_SDCARD
- PB5 - MOSI\_SPI
- PB6 - MISO\_SPI
- PB7 - SCK\_SPI

Title:

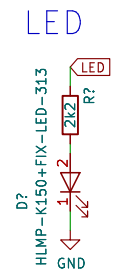
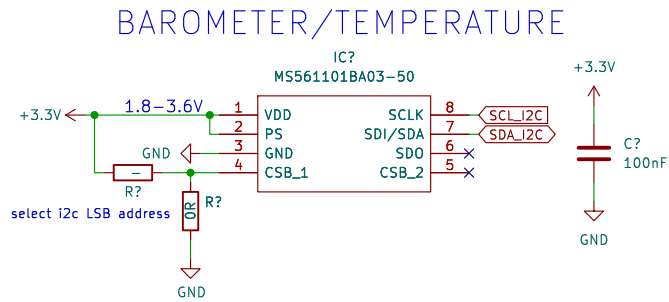
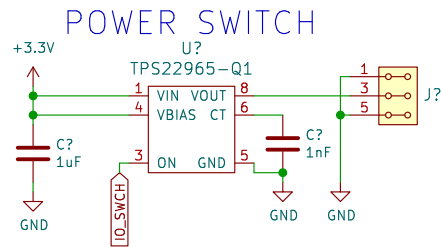
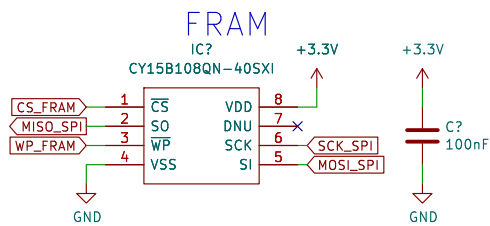
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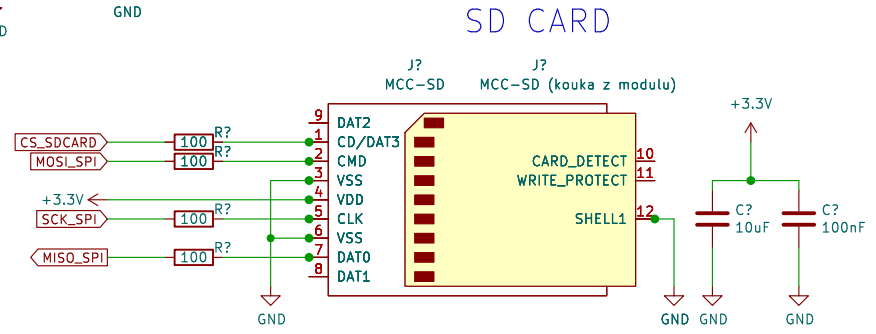
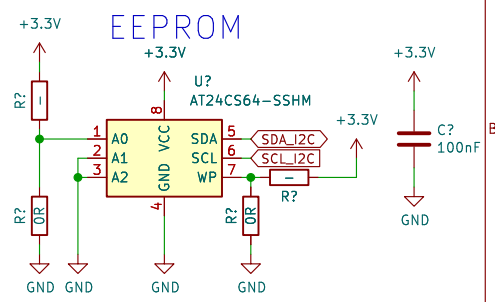
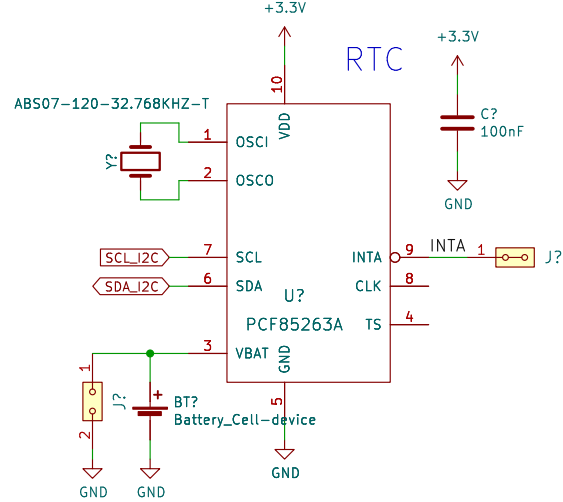
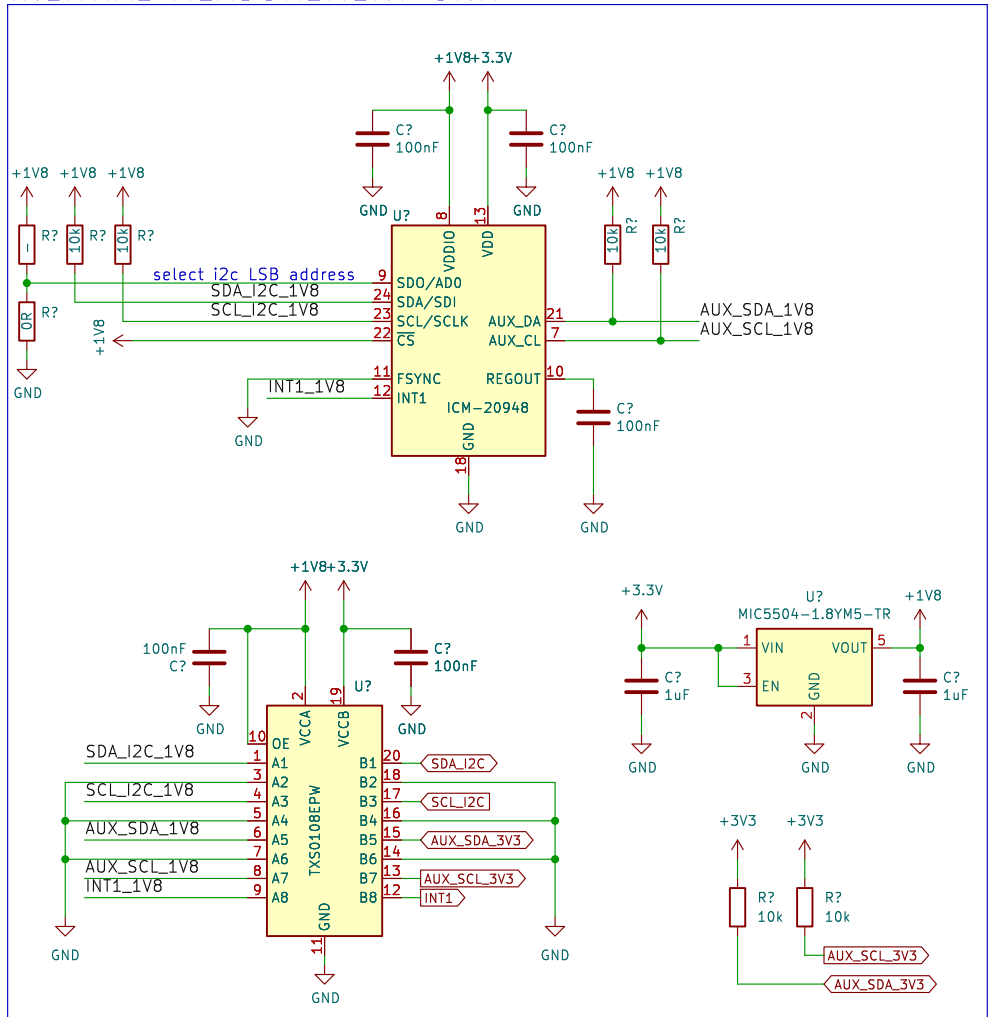
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Date:





## INERTIAL MEASUREMENT UNIT



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Author:

Size: A4

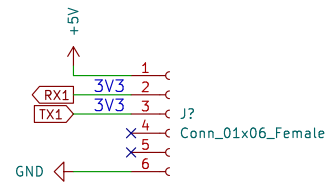
Page: 4/6

Date:

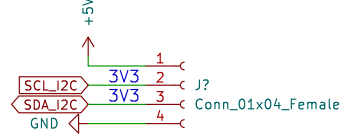


## PIXHAWK STANDARD HEADERS

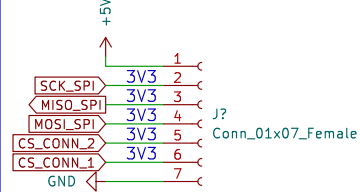
### UART CONN.



### I2C CONN.

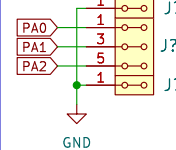


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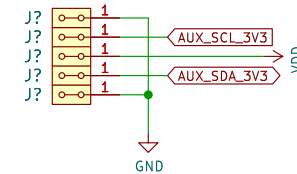


## PIN HEADERS

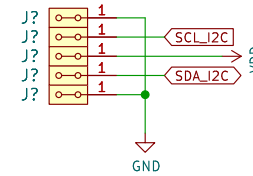
### ANALOG CONN



### AUX\_I2C CONN



### I2C CONN



Title:

Author:

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Supercap charge current = 0 A  
if load current = 1 A  
 $R_s = 25 \text{ mV} / I_{\text{load}}$



Author:

Size: A4

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Date:

