
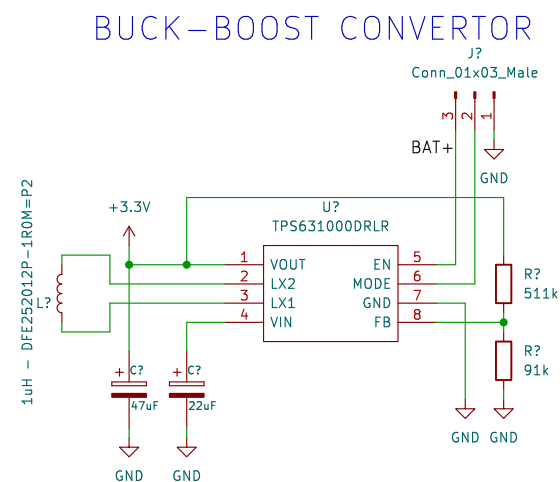
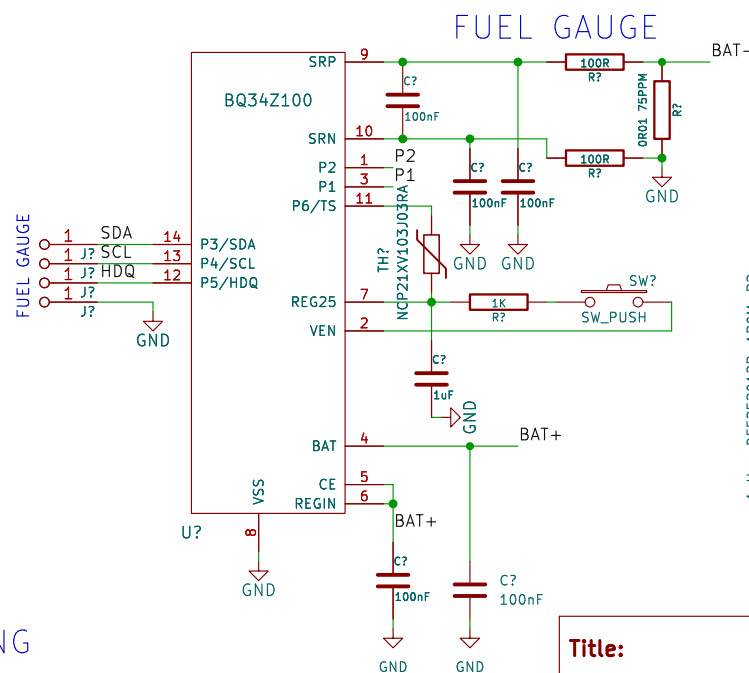
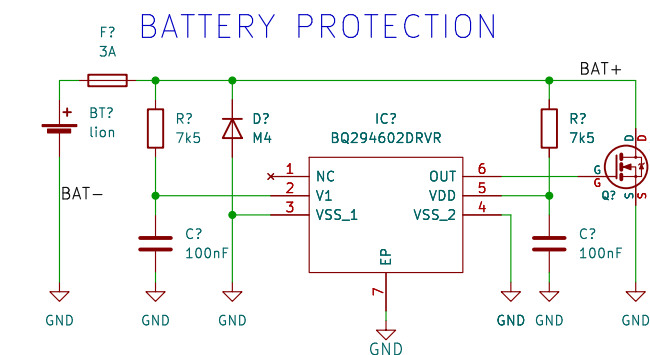
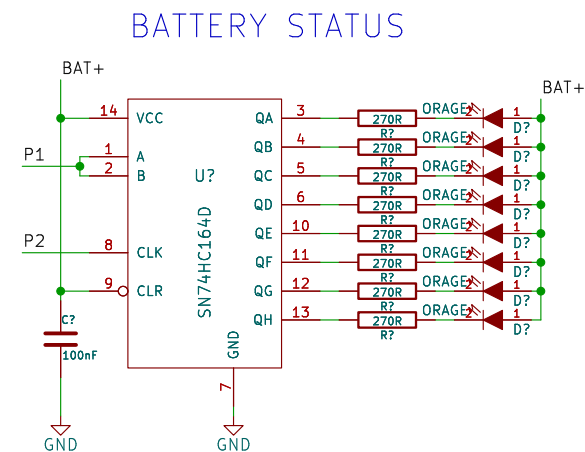
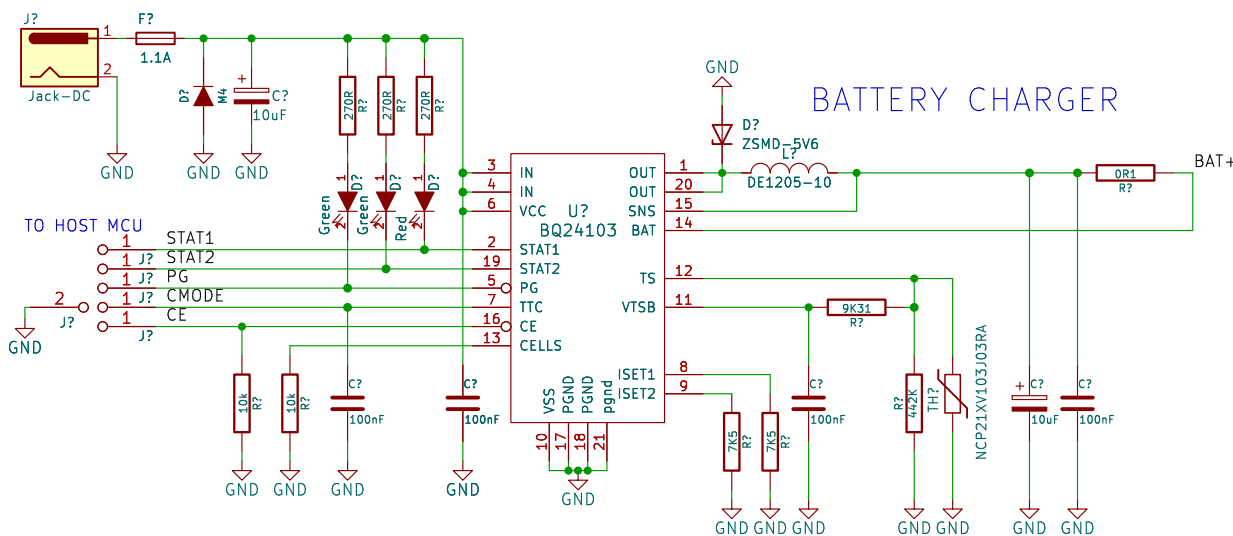
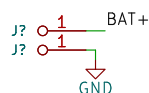


	1	2	3	4	5	6
A						A
B	<div>Power_management</div> <div>File: Power_management.kicad_sch</div>	<div>Microcontroller</div> <div>File: Microcontroller.kicad_sch</div>	<div>Peripherals</div> <div>File: Peripherals.kicad_sch</div>	<div>Connectors</div> <div>File: Connectors.kicad_sch</div>		
C						C
D	<div> <div>Title: DATALOGGER01A</div> <div> <div>Universal battery powered SDcard datalogger.</div> <div> <div>Author: Mlab www.mlab.cz</div> <div> <div>Size: A4</div> <div>Page: 1/6</div> <div>Date: 2022-08-14</div> </div> </div> <div>  </div> </div> </div>					D
	1	2	3	4	5	6



POWER OUTPUT MECHANICAL FIXING



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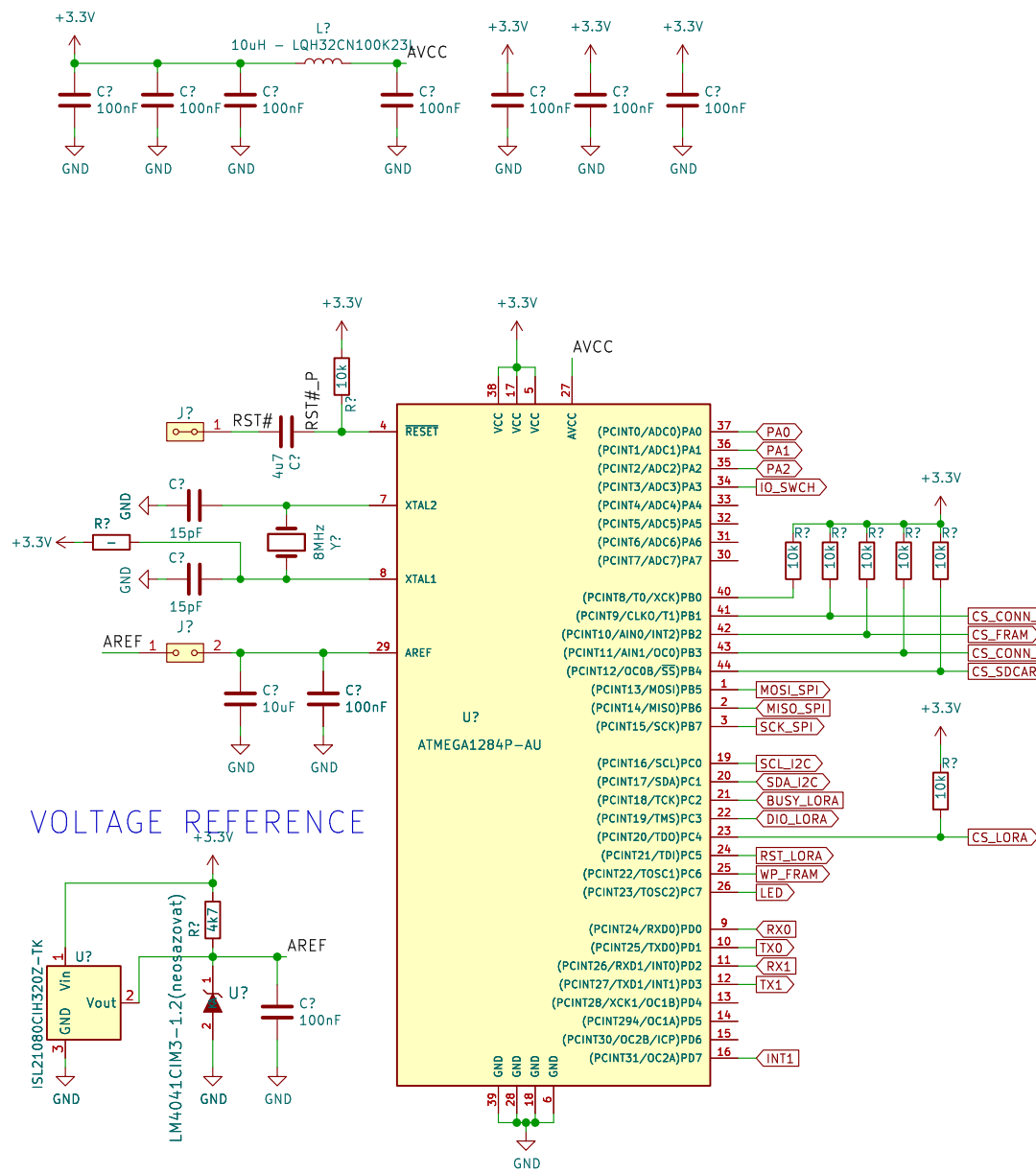
Author:

Size: A4

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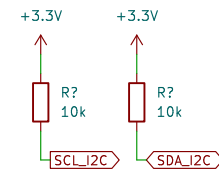
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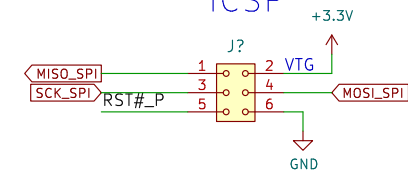


VOLTAGE REFERENCE

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:

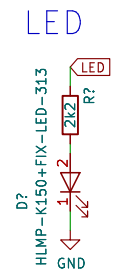
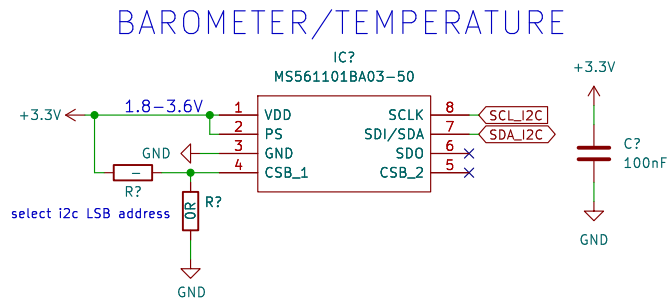
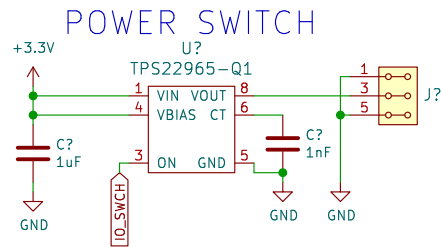
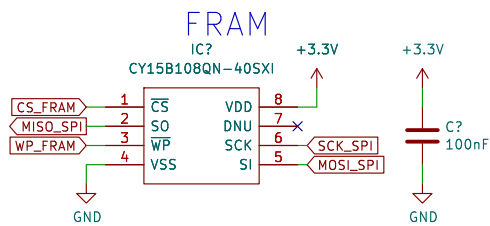
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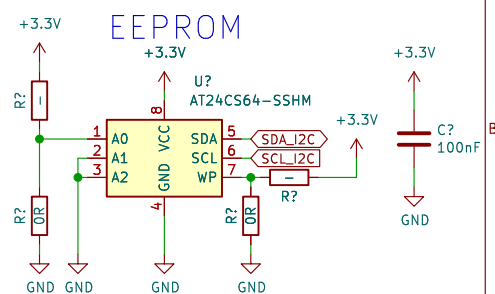
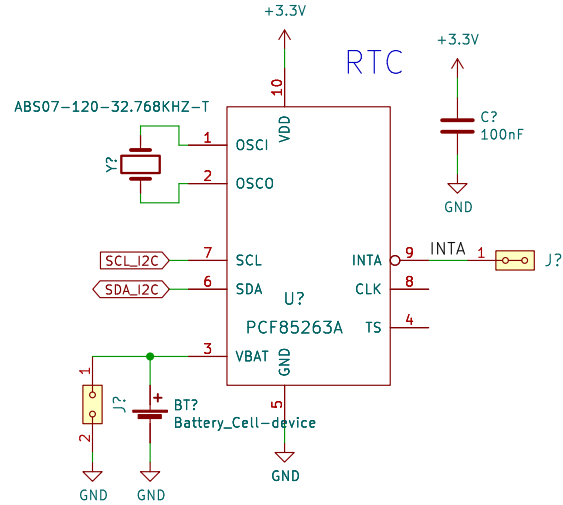
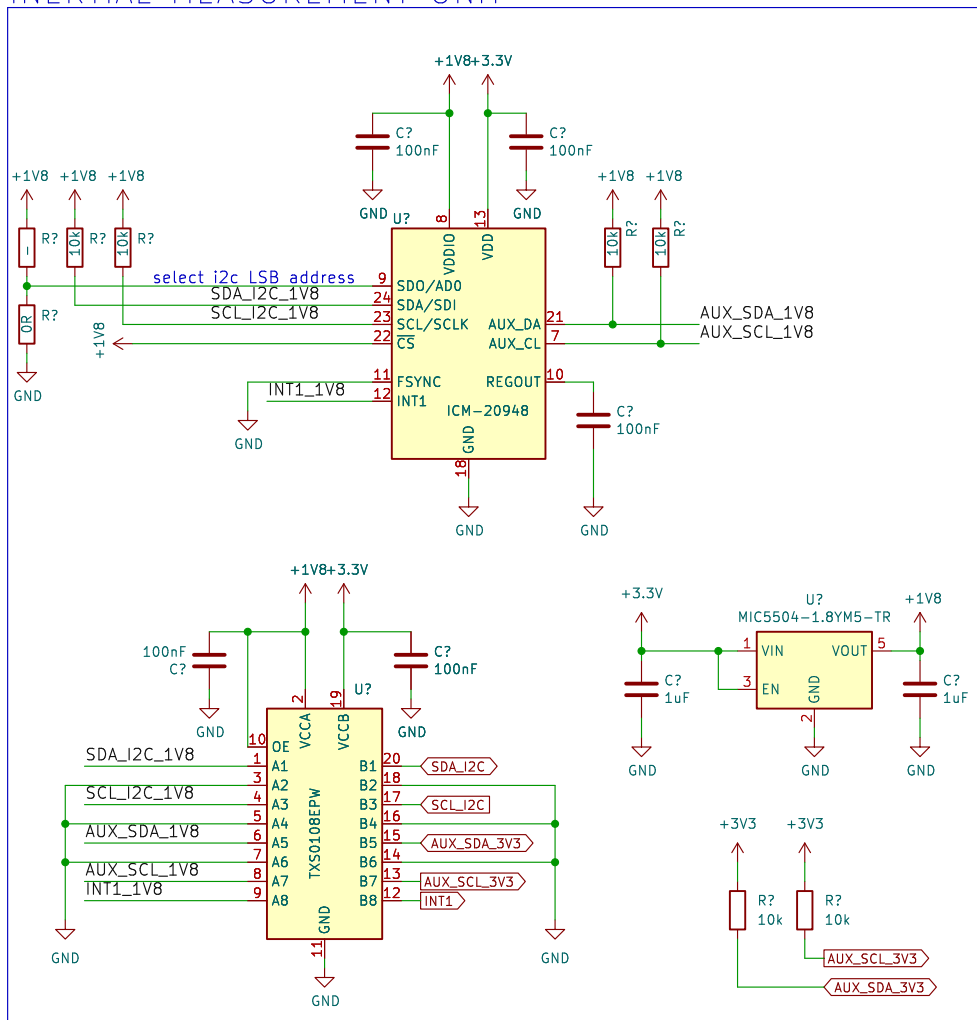
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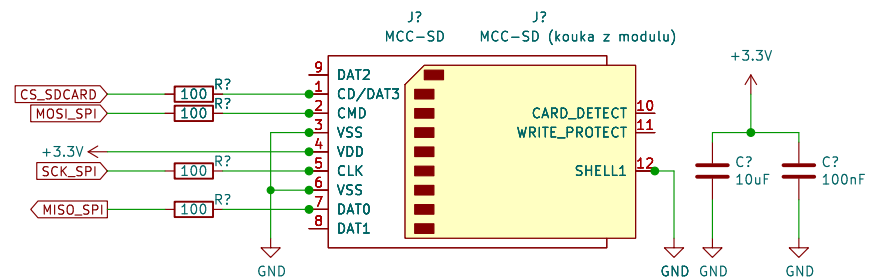




INERTIAL MEASUREMENT UNIT



SD CARD



Title:

Author:

Size: A4

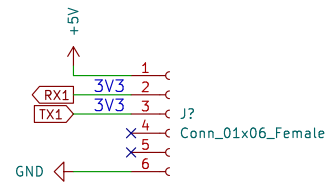
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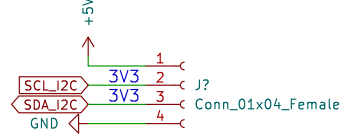


PIXHAWK STANDARD HEADERS

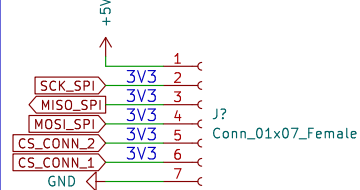
UART CONN.



I2C CONN.

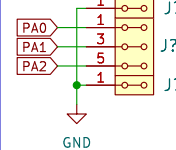


SPI CONN.

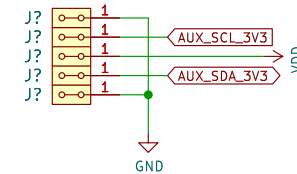


PIN HEADERS

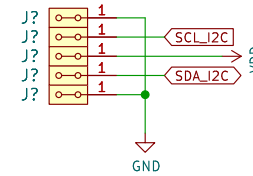
ANALOG CONN



AUX_I2C CONN



I2C CONN



Title:

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



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