

Little Brain

Power

Sheet: Power

1

File: Power.sch

Microcontroller

Sheet: Microcontroller

2

File: MCU.sch

- H1 MountingHole
- H2 MountingHole
- H3 MountingHole
- H4 MountingHole

Sensors

Sheet: Sensors

3

File: Sensors.sch

Connectors

Sheet: Connectors

4

File: Connectors.sch

Sheet: /
File: RBoard.sch

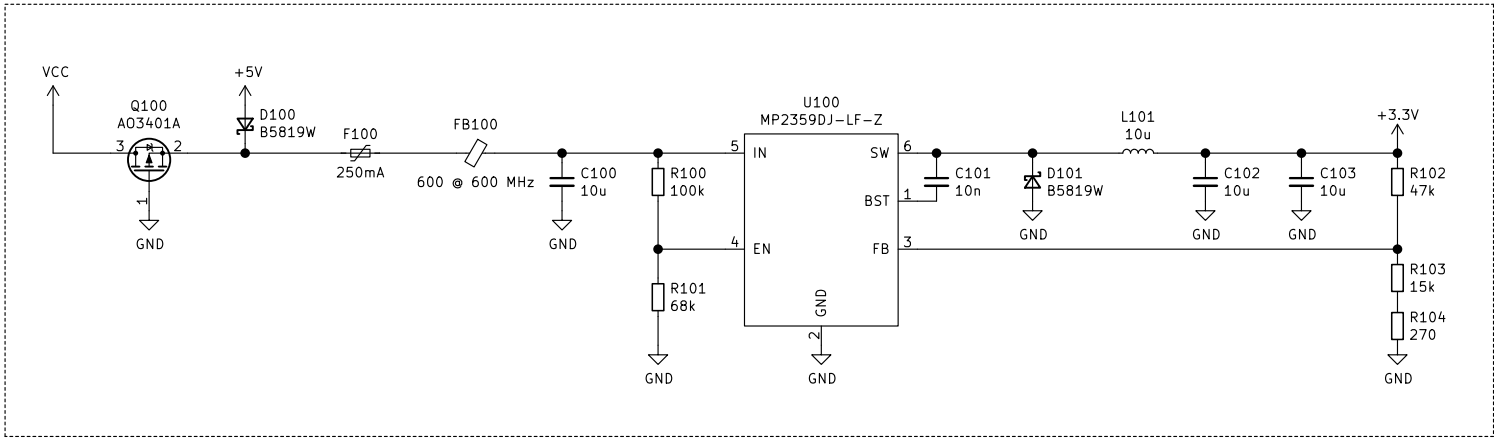
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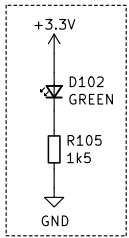
Date:
Rev:
Id: 1/5

Power

Step-Down Converter (3V3)



Pwr LED



Sheet: /Power/
File: Power.sch

Title:

Size: A4
KiCad E.D.A. kicad (5.1.6)-1

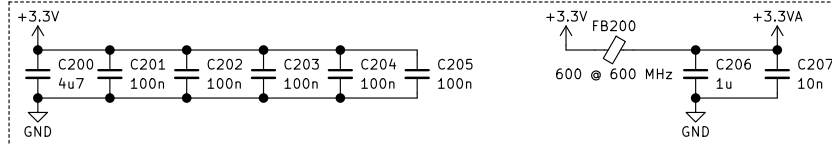
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Rev:

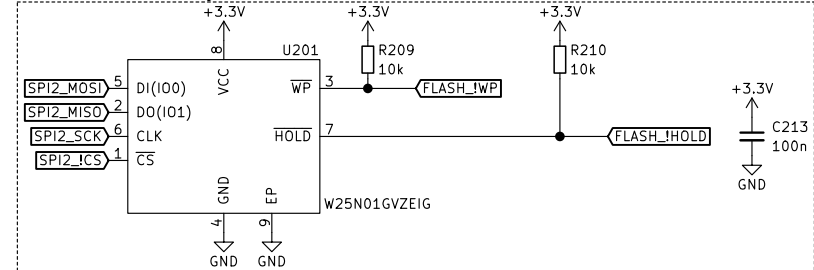
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Microcontroller

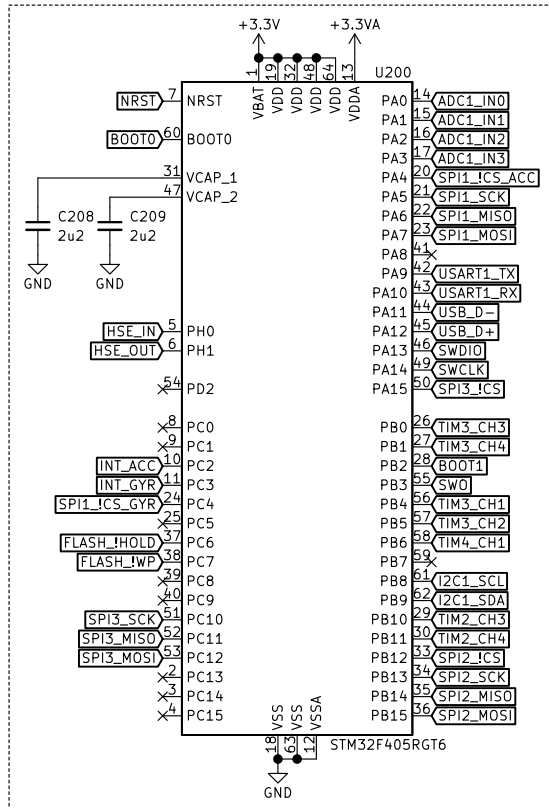
Decoupling



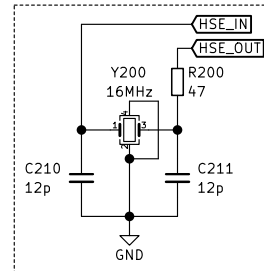
FLASH Memory



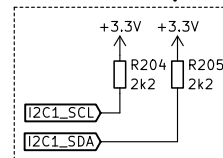
STM32 MCU



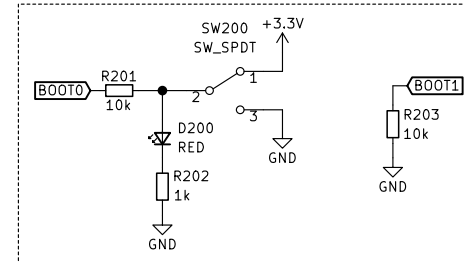
HSE



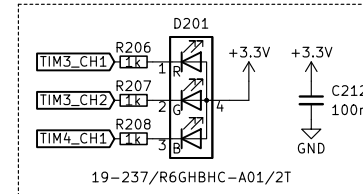
I2C Pull-Ups



BOOT0 Switch



RGB LED



Sheet: /Microcontroller/
File: MCU.sch

Title:

Size: A4

Date:

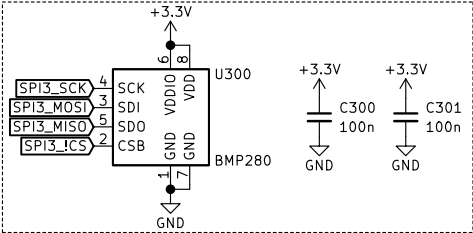
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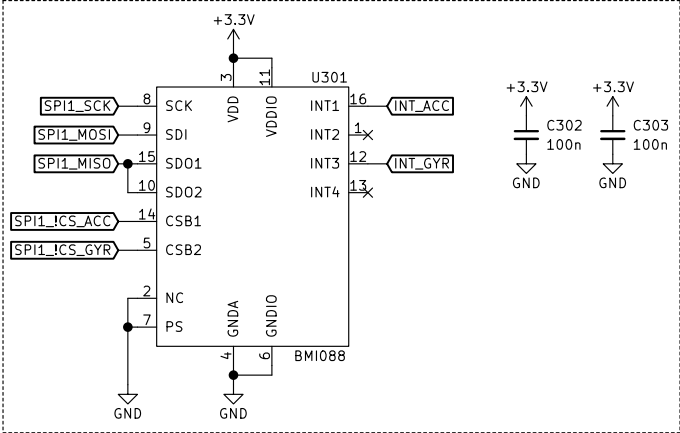
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Sensors

Barometric Pressure Sensor



Inertial Measurement Unit



Sheet: /Sensors/
File: Sensors.sch

Title:

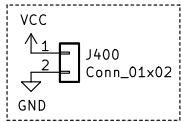
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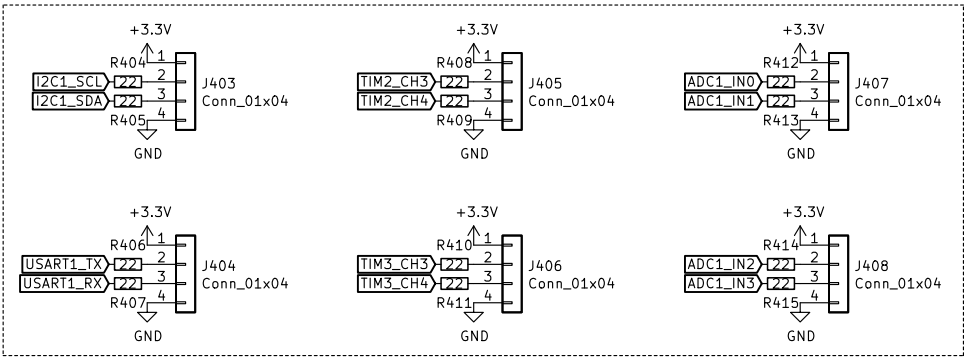
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Connectors

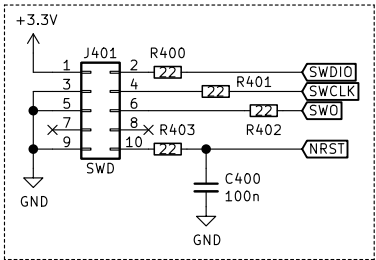
Power



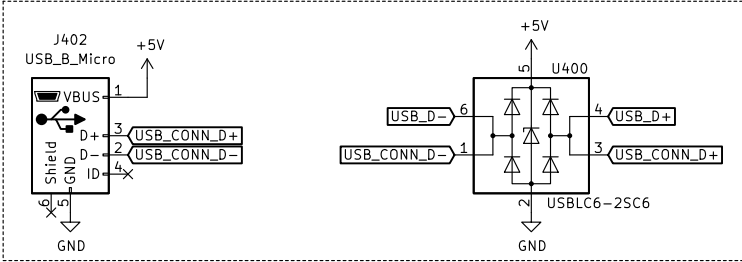
Peripherals



SWD



USB



Sheet: /Connectors/
File: Connectors.sch

Title:

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Date:

Rev:

Id: 5/5