

Microcontroller and Inertial Measurement Unit (IMU)

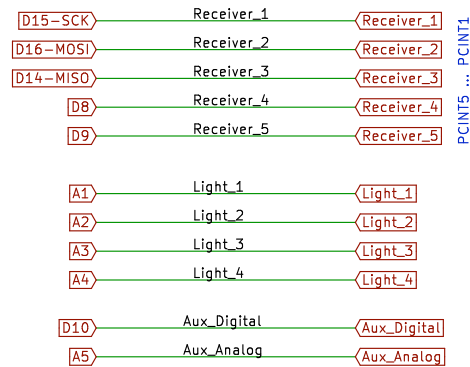
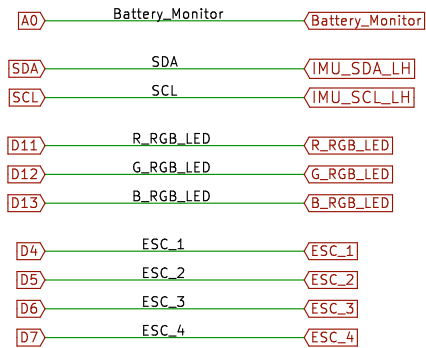
Sheet: IMU

File: IMU.sch

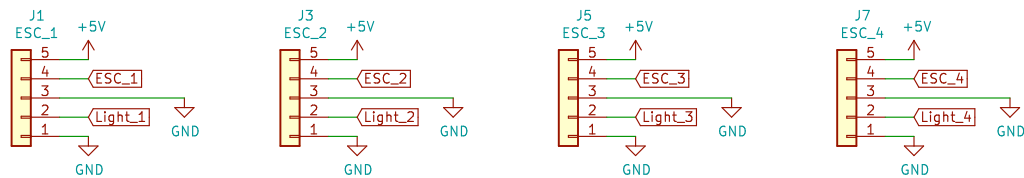
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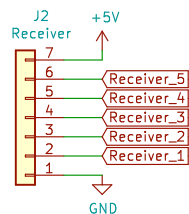
Pin Mapping



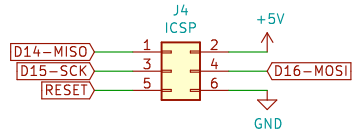
ESC and Light Connections



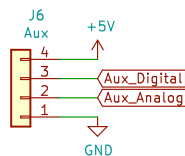
Receiver



ICSP

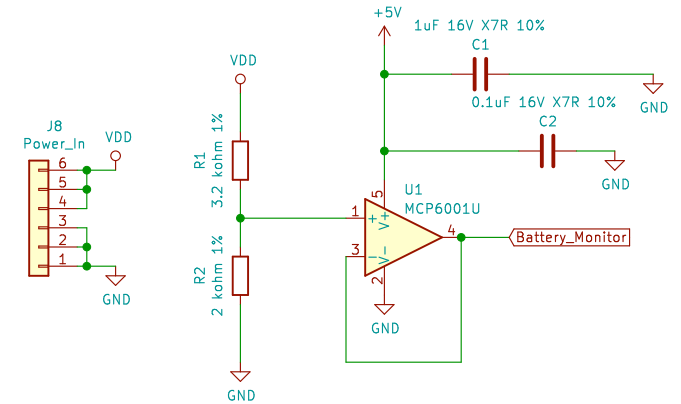


Aux Outputs

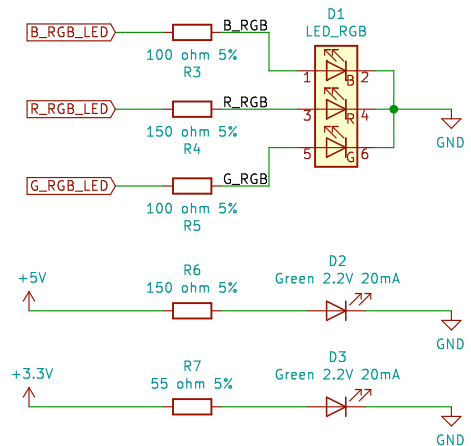


Power In and Voltage Monitoring

Voltage monitoring range: Up to 13V (3s LiPo 12.6V)



Master Indicator LEDs



Mounting Holes



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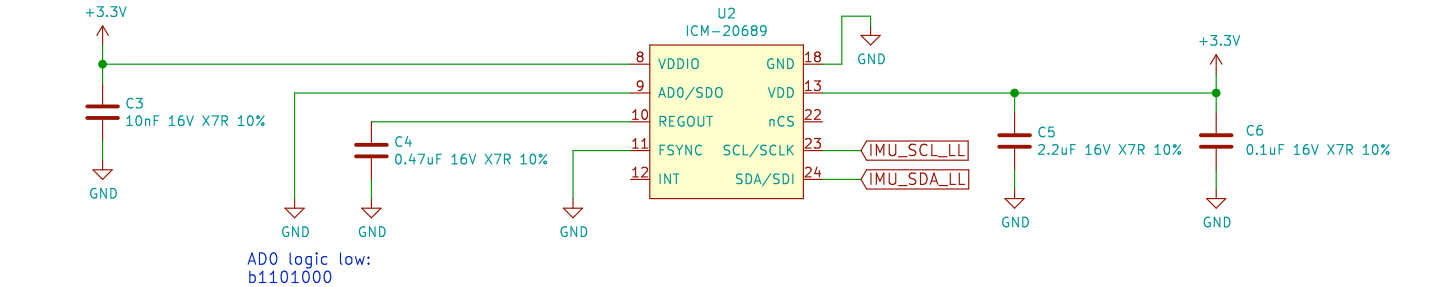
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Title: Flight Controller

Size: USLetter Date: 2021-01-01
KiCad E.D.A. kicad (5.1.4-0-10.14)

Rev: A
Id: 1/3

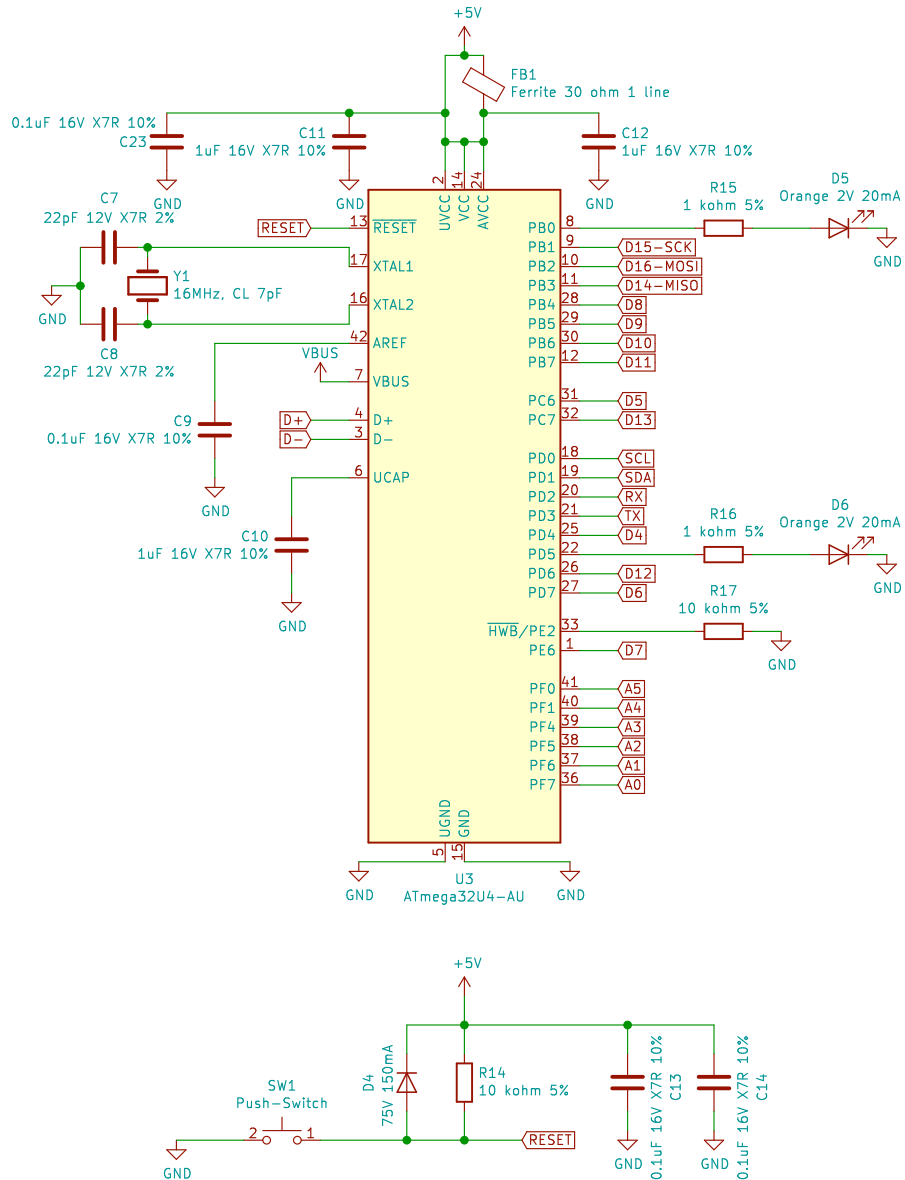
Inertial Measurement Unit (IMU)



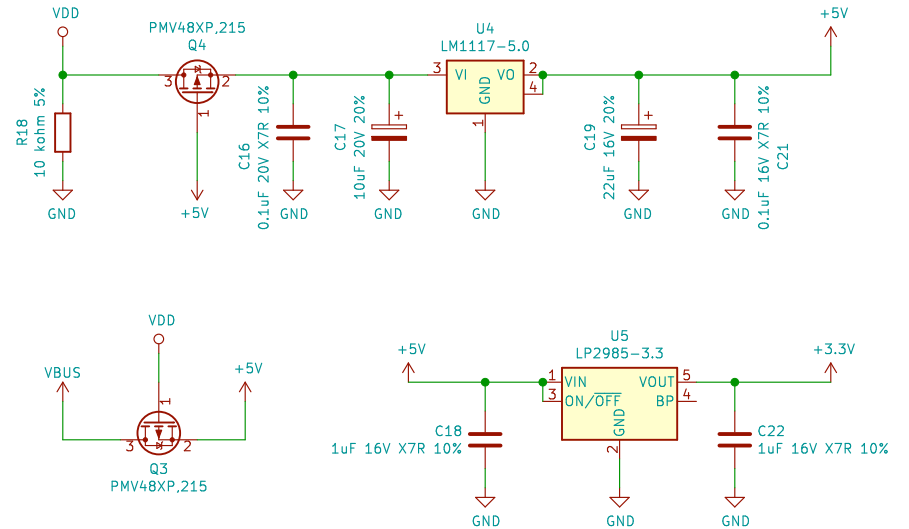
Bidirectional Logic Level Conversion and I2C Pull Up Resistors



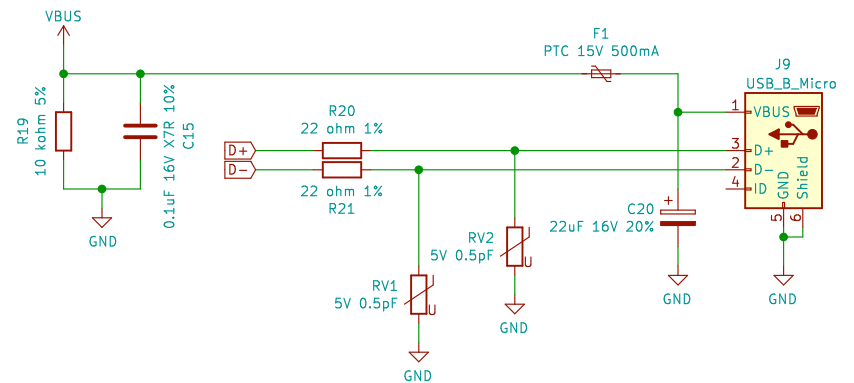
Microcontroller



Power Management and Selection



USB Interface



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Sheet: /Microcontroller/
File: Microcontroller.sch

Title: Microcontroller, Power, and USB Interface

Size: USLetter Date: 2021-01-01
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Rev: A
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