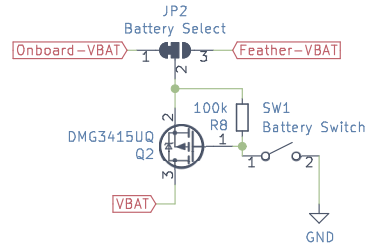
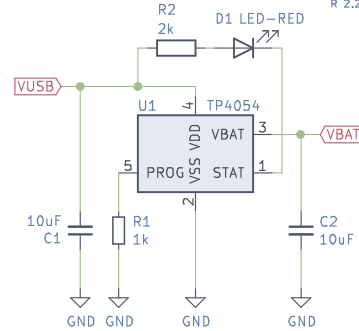


Battery Slide Switch



Battery Charging

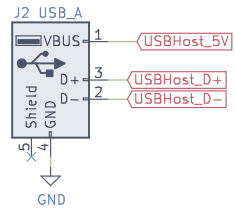


Charge Rate Prog Resistor:
 $r = (1200 - (4000/3)^{1/2}) / i$
 $R \ 1k = 0.514 \ A$
 $R \ 2.2k = 0.340 \ A$

Battery Monitor



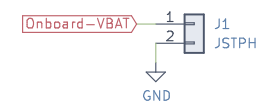
Teensy USB Host Jack



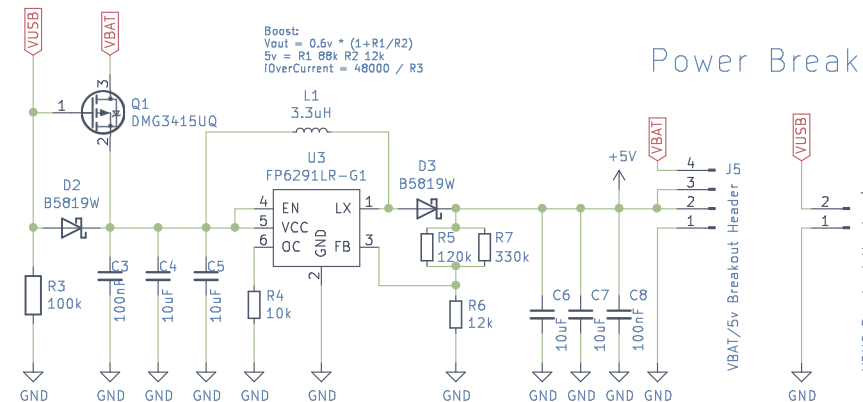
VUSB Disconnect



LiPo Battery Jack



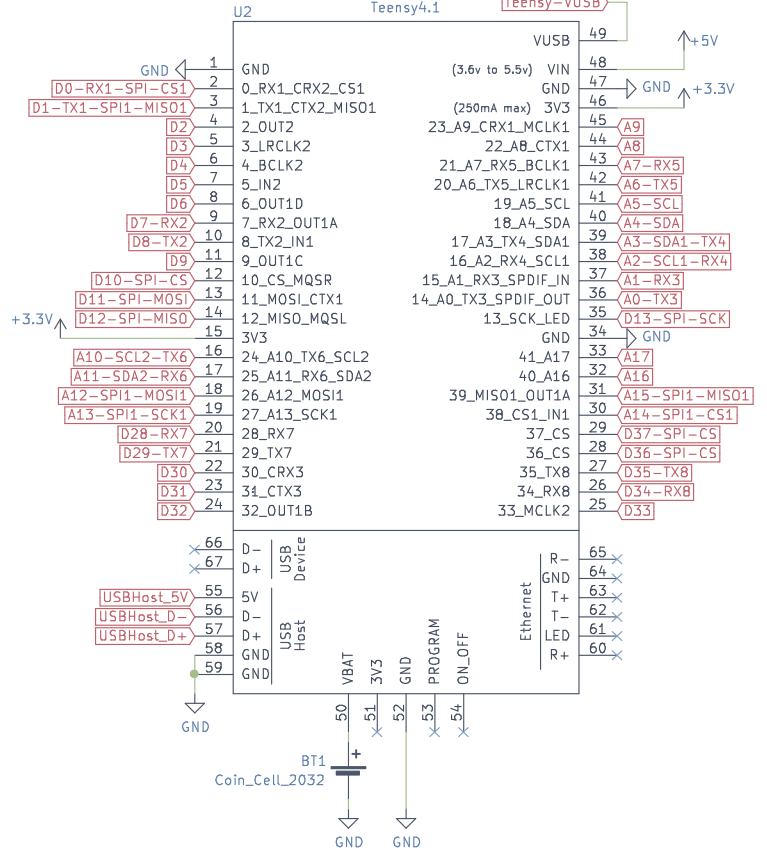
5v Boost



Power Breakouts



Teensy 4.1 Header



Sub Sheets

Sheet: Feather and Arduino Headers

File: Headers.sch

Sheet: Buttons and Mounting Holes

File: ButtonsAndMountingHoles.sch

Anthony DiGirolamo

Sheet: /

File: TeensyDisplayShield.sch

Title: Teensy Display Shield

Size: A4

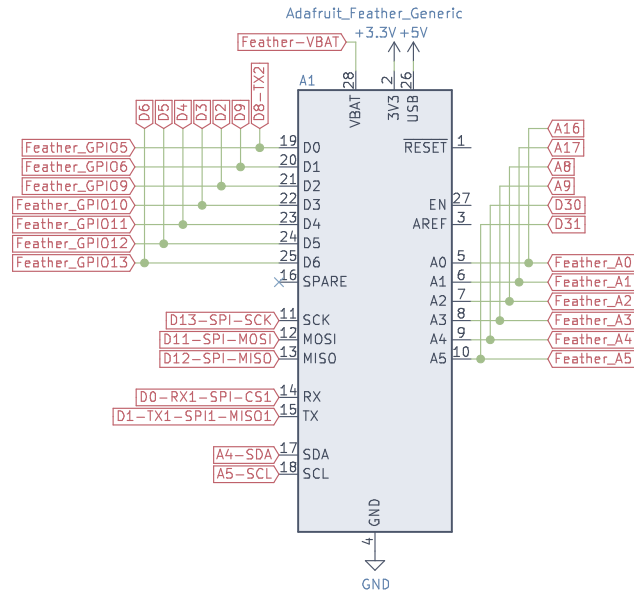
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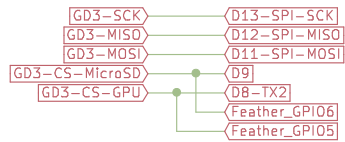
Rev: 0

Id: 1/3

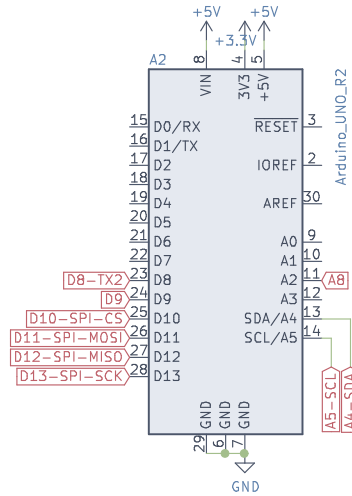
Feather Header



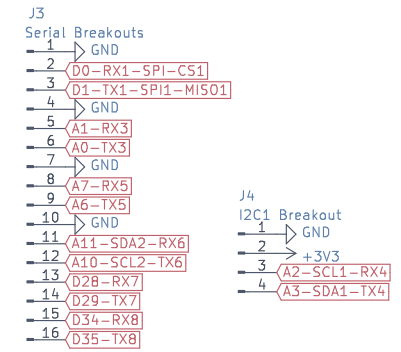
Gameduino3 Connections



Arduino Header



Serial & I2C Breakouts



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Sheet: /Feather and Arduino Headers/
File: Headers.sch

Title: Teensy Display Shield

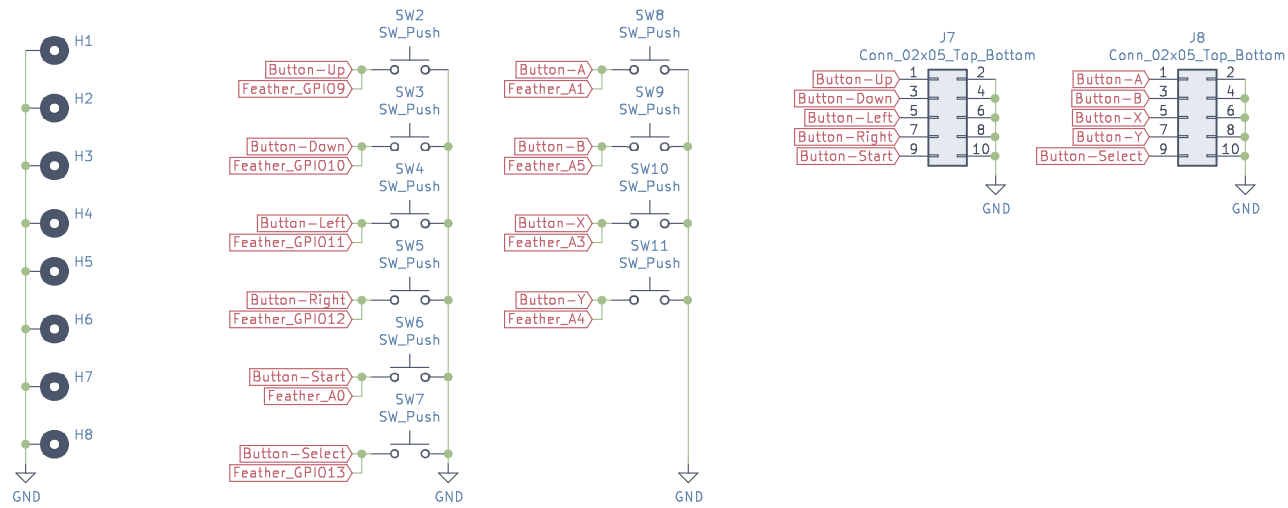
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KiCad E.D.A. kicad 5.1.9

Date:

Rev: 0

Id: 2/3

Mounting Holes & Buttons



Anthony DiGirolamo

Sheet: /Buttons and Mounting Holes/
File: ButtonsAndMountingHoles.sch

Title: Teensy Display Shield

Size: A4
KiCad E.D.A. kicad 5.1.9

Date:
Rev: 0
Id: 3/3