

Revision History:

Date:	Revision:	Comments:
		Initial Revision
		Additional Notes:



Important Notes about this Schematic:

DESIGN NOTE:  
Design notes in gray text boxes give information about design requirements and descisions.

LAYOUT NOTE:  
Layout notes in red text boxes give infomation regarding layout requirements.

Arm Schematic

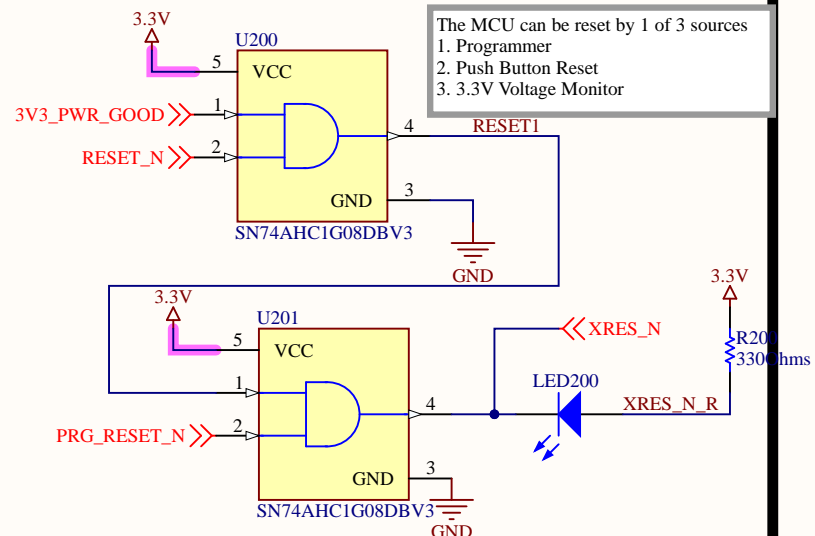
Revision History and Table of Contents

The Gyrosquad:  
  
Anirudh Jayendra  
Win San  
Brandon Voragongsa  
Joseph Zhou

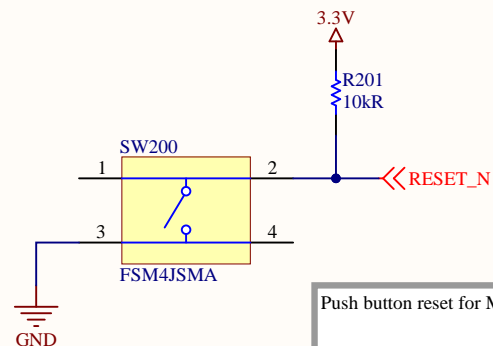


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A		
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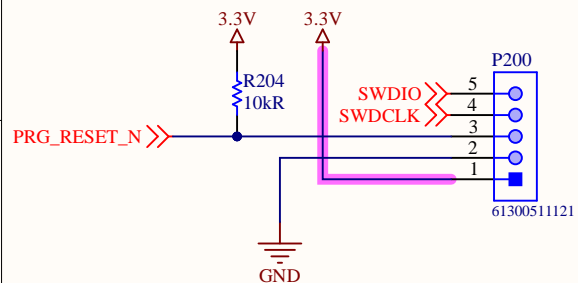
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B



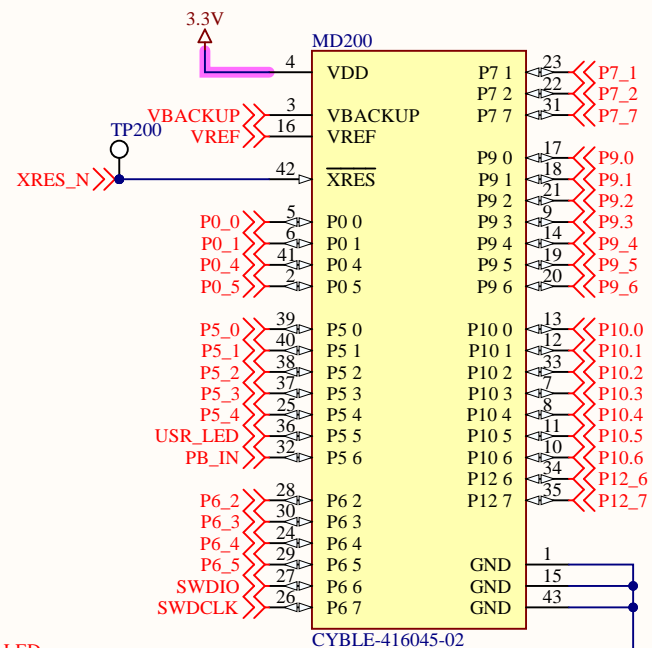
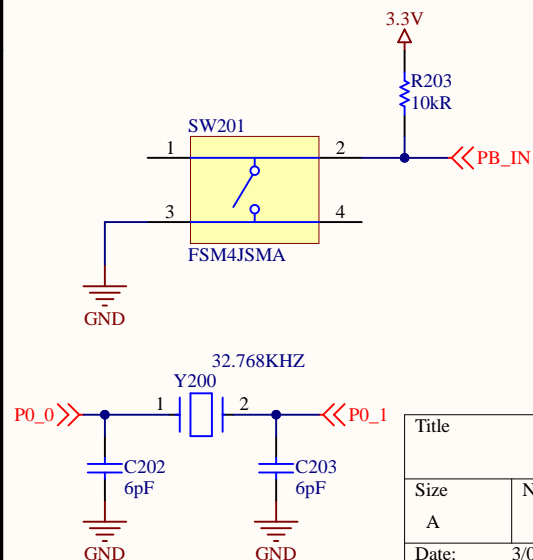
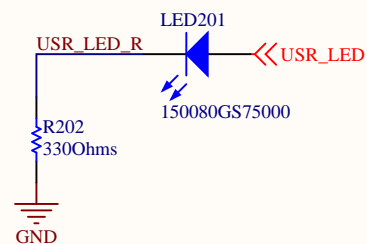
C



D



Header for the MiniProg4 Programmer.  
The programmer can be used to supply  
3.3V to the MCU.



A

B

C

D

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File:	C:\Users\...\02-MCU.SchDoc	Drawn By:

A

A

B

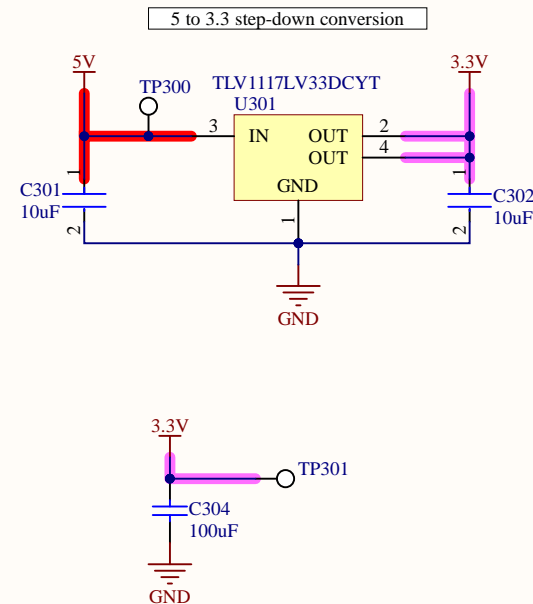
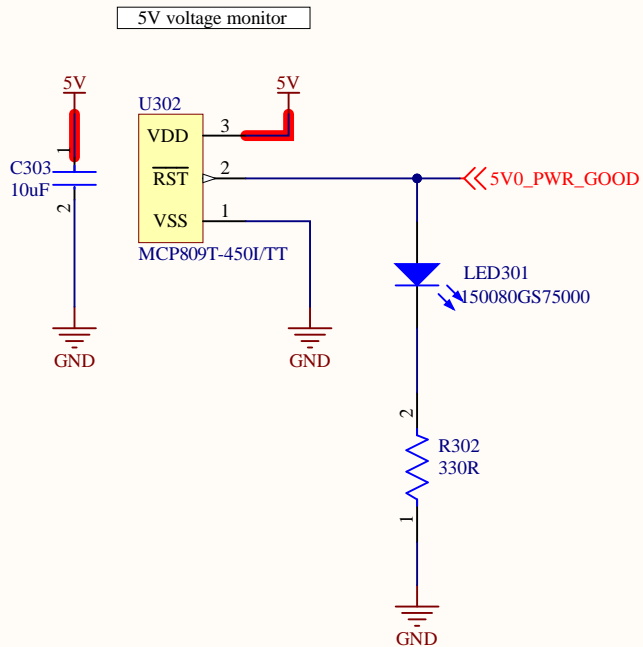
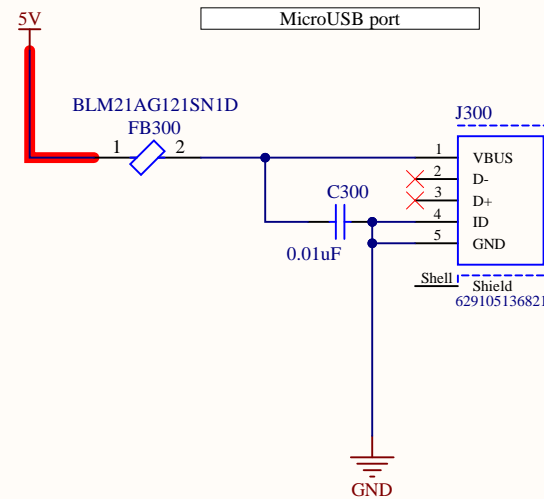
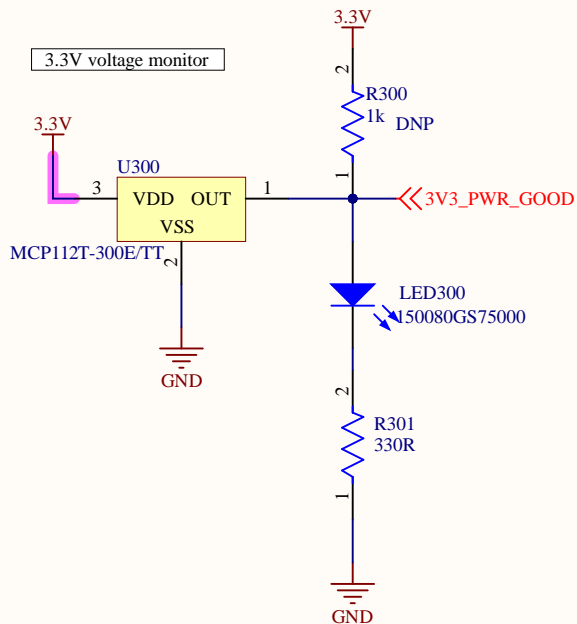
B

C

C

D

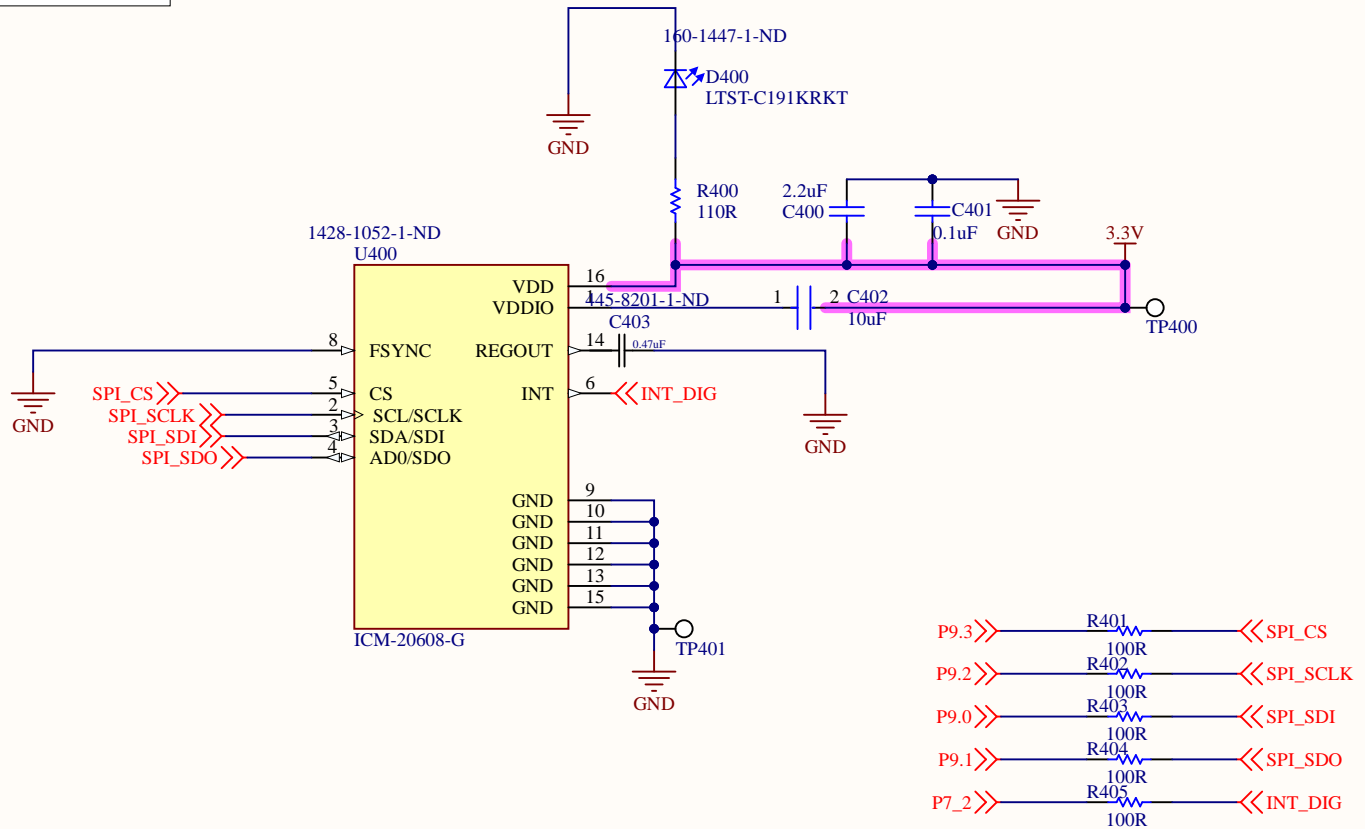
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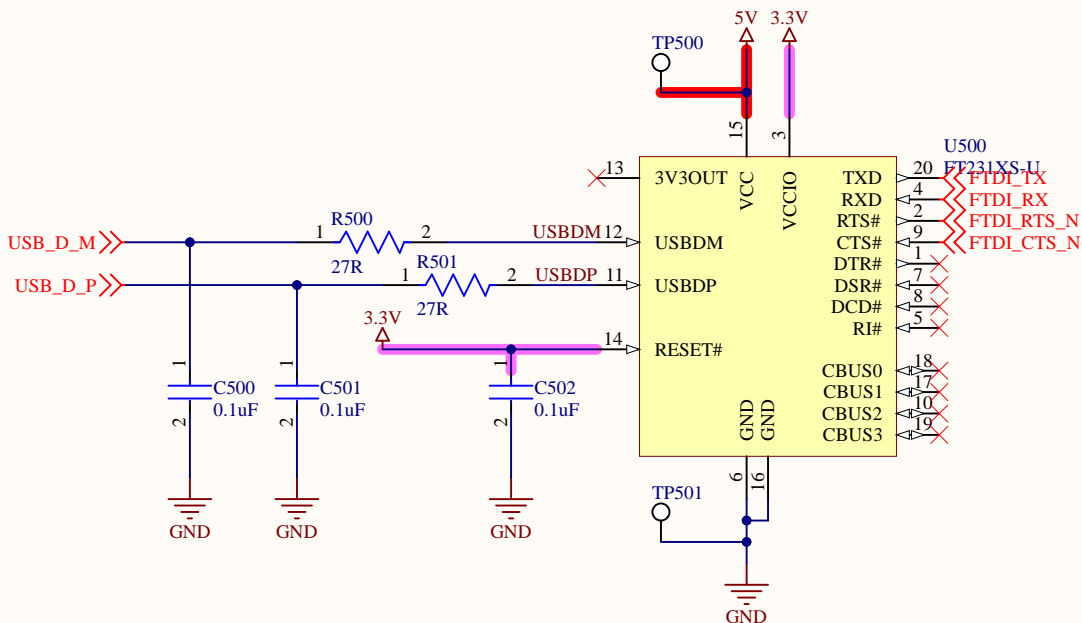
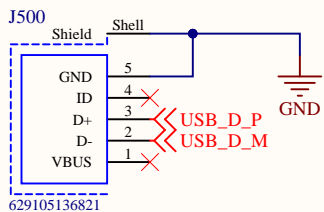
# 6-axis Gyroscope and Accelerometer (IMU)

Part Number: ICM-20608-G



TP001 ○ << SPI\_CS  
 TP002 ○ << SPI\_SCLK  
 TP003 ○ << SPI\_SDI  
 TP004 ○ << SPI\_SDO  
 TP005 ○ << INT\_DIG

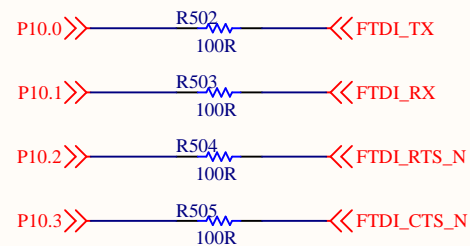
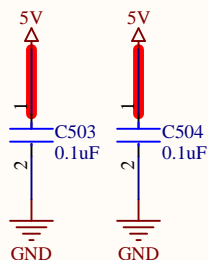
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File:	C:\Users\...\04-Accel.SchDoc	Drawn By:



### UART Bridge: FT231XS-U

NOTE: We are not taking in power from VBUS because it is being supplied by the POWER module

POWER module supplies 5 and 3.3V



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