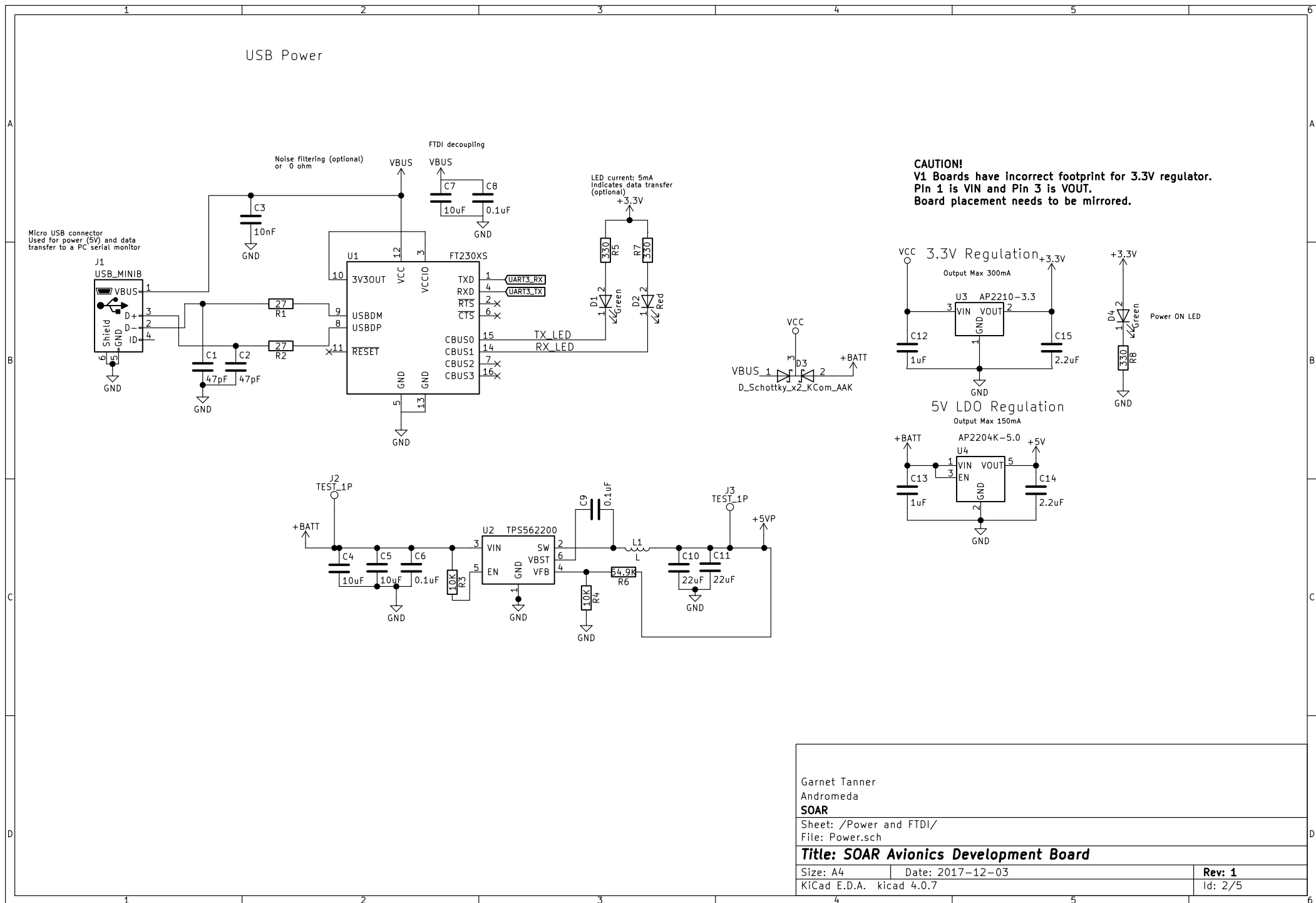


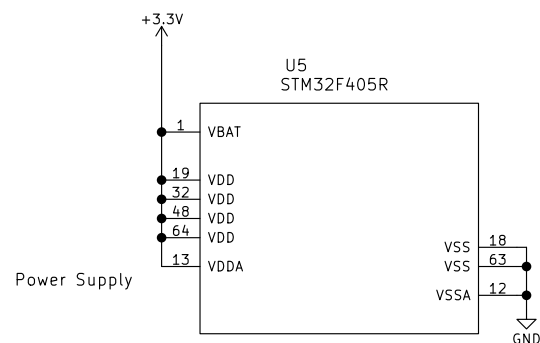
- TO DO:
- Analog amp or high pressure sensor
 - Battery voltage indicator
 - ESD protection
 - Fix sheet file names

Garnet Tanner		
Andromeda		
SOAR		
Sheet: /		
File: AndromedaV2.sch		
Title: SOAR Avionics Flight		
Size: USLetter	Date: 2018-04-29	Rev: 1
KiCad E.D.A. kicad 4.0.7	Id: 1/5	

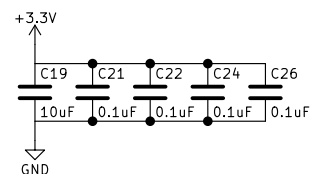


STM32F405

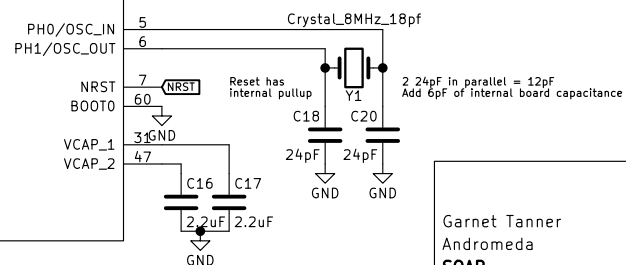
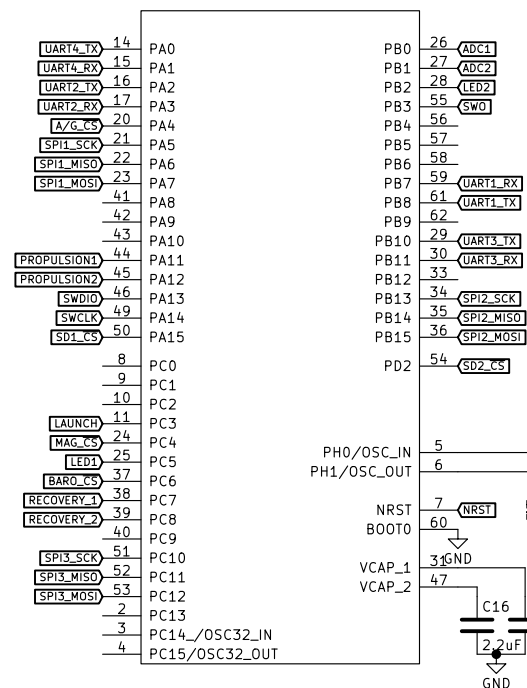
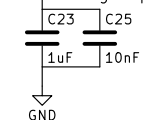
Same family as F407 on Discovery boards



Digital Decoupling
1 100nF for each power supply (place close to each VDD pin)
plus 1 10uF



+3.3V
↑ Analog Supply Decoupling



Garnet Tanner
Andromeda
SOAR

Sheet: /MCU/
File: MCU.sch

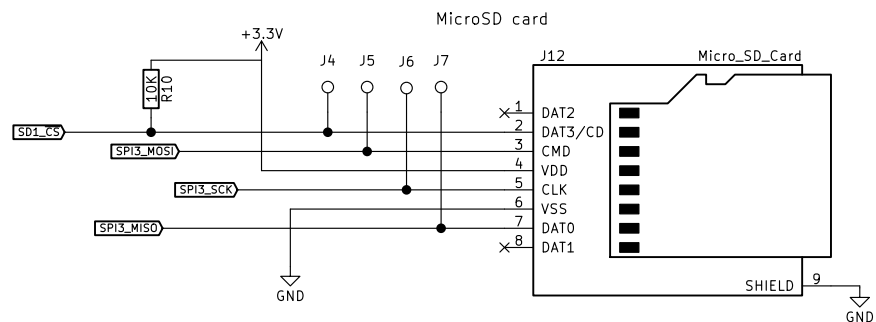
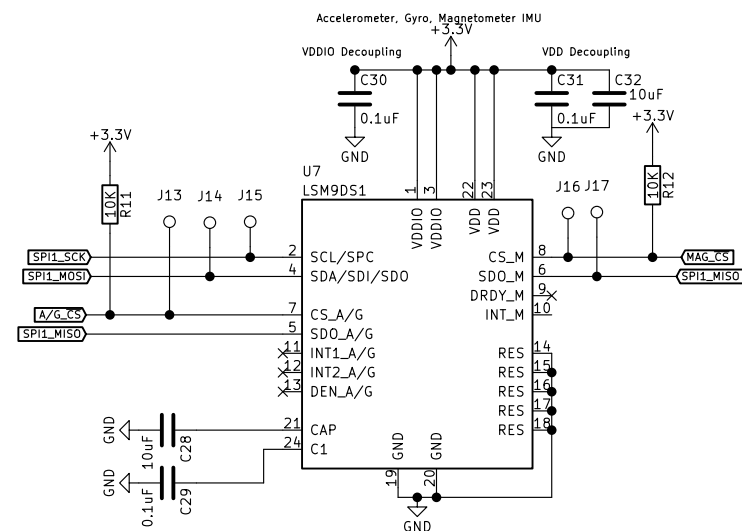
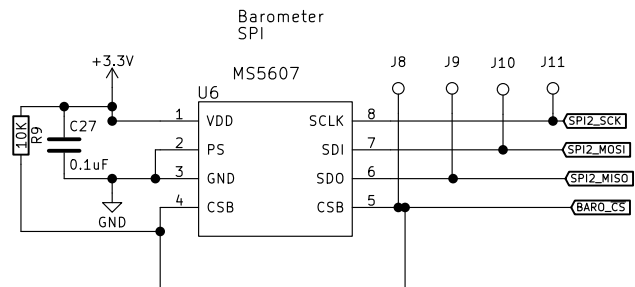
Title: SOAR Avionics Development Board

Size: A4	Date: 2017-12-03
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Rev: 1

Size: A4	Date:
KiCad E.D.A.	kicad 4.0.7

Id: 3/5



Garnet Tanner
Andromeda

SOAR

Sheet: /Sensors/
File: Peripherals.sch

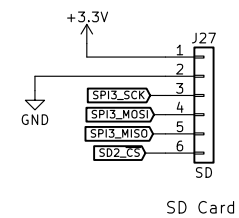
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Size: A4 Date: 2017-12-03

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Rev: 1

Id: 4/5



Rev: 1
Id: 5/5