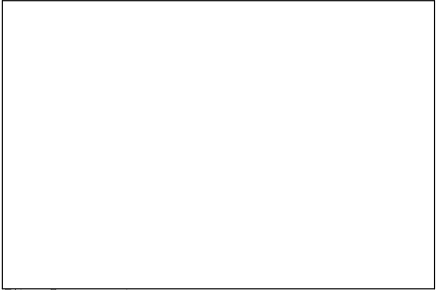


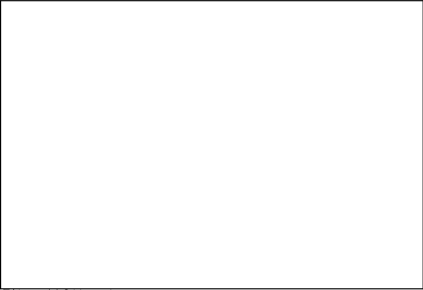
	1	2	3	4	5	6
A						A
B						B
C						C
D						D
	1	2	3	4	5	6

Sheet: Power and FTDI



File: Power.sch

Sheet: MCU



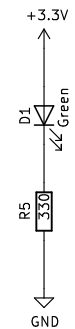
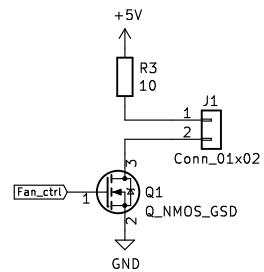
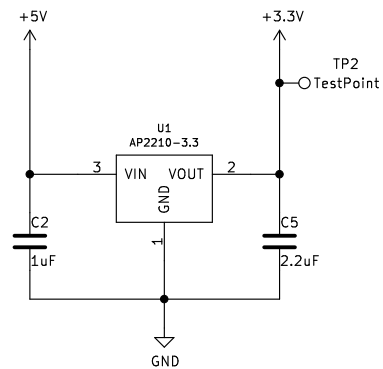
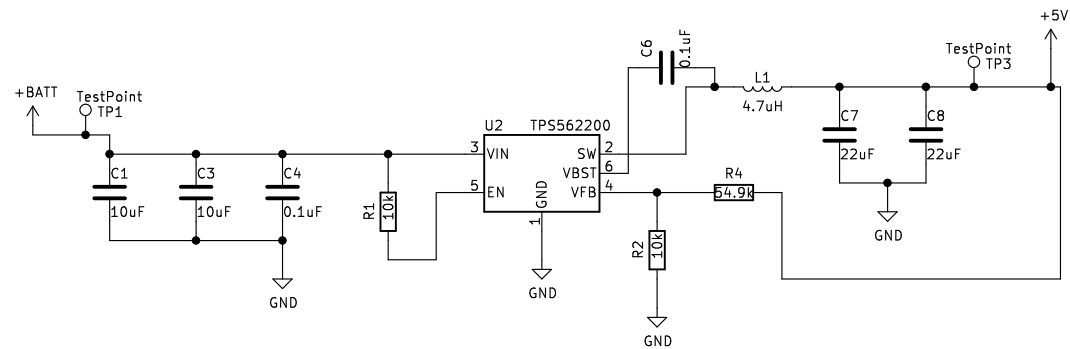
File: MCU.sch

Sheet: Headers and Debug



File: Headerssch.sch

Sheet:1/4		
File: AndromedaV3.sch		
Title: Andromeda V3 by Prithvi Shankara		
Size: A4	Date: 6 March 2019	Rev: 3
KiCad E.D.A. kicad (5.0.2)-1		Id: 1/4



Sheet: /Power and FTDI/
File: Power.sch

Title:

Size: A4

Date:

KiCad E.D.A. kicad (5.0.2)-1

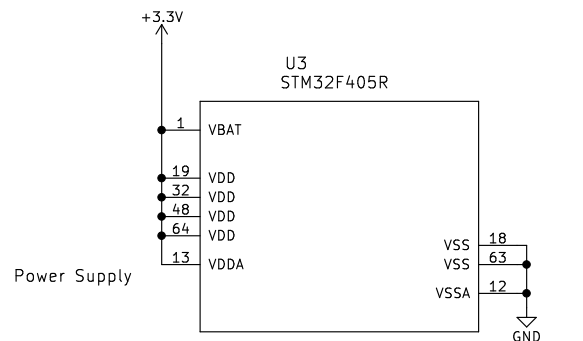
Rev:

Id: 2/4

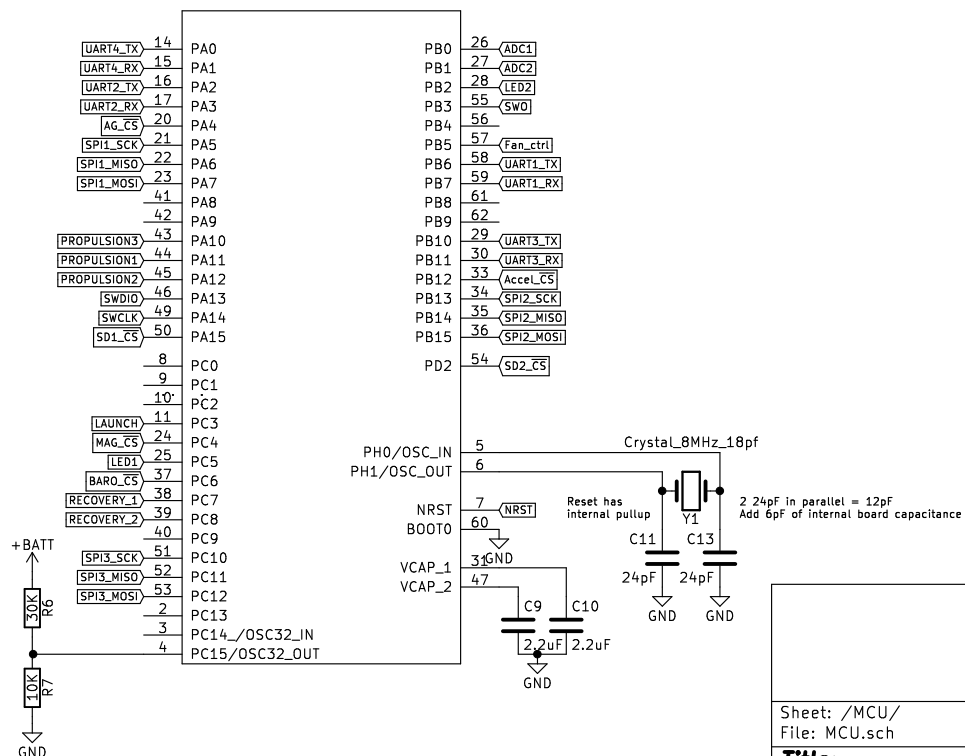
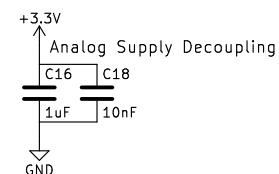
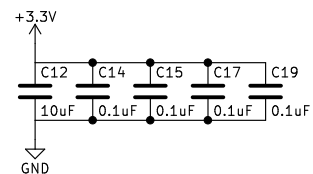
See STM32 Hardware Design Guide for schematic example

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



Sheet: /MCU/
File: MCU.sch

Title:

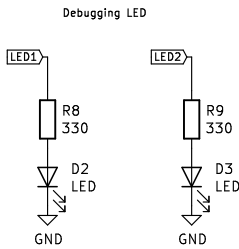
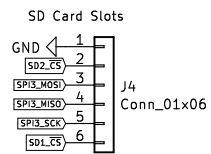
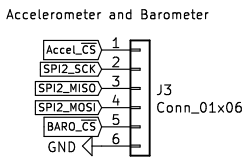
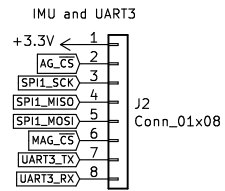
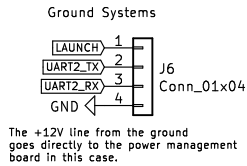
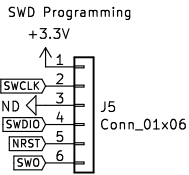
Size: A4

Date:

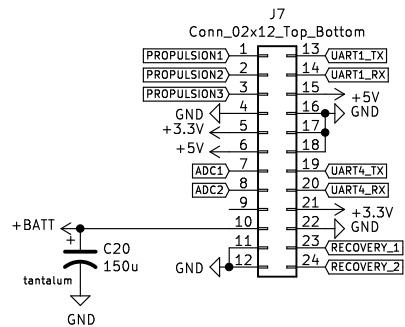
KiCad E.D.A. kicad (5.0.2)-1

Rev:

Id: 3/4



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



- 1-4 Propulsion
- 4-8 Pressure Sensors
- 9-12 Battery
- 13-16 Radio
- 19-22 GPS
- 22-24 Recovery

Sheet: /Headers and Debug/
File: Headerssch.sch

Title:

Size: A4

Date:

KiCad E.D.A. kicad (5.0.2)-1

Rev:

Id: 4/4