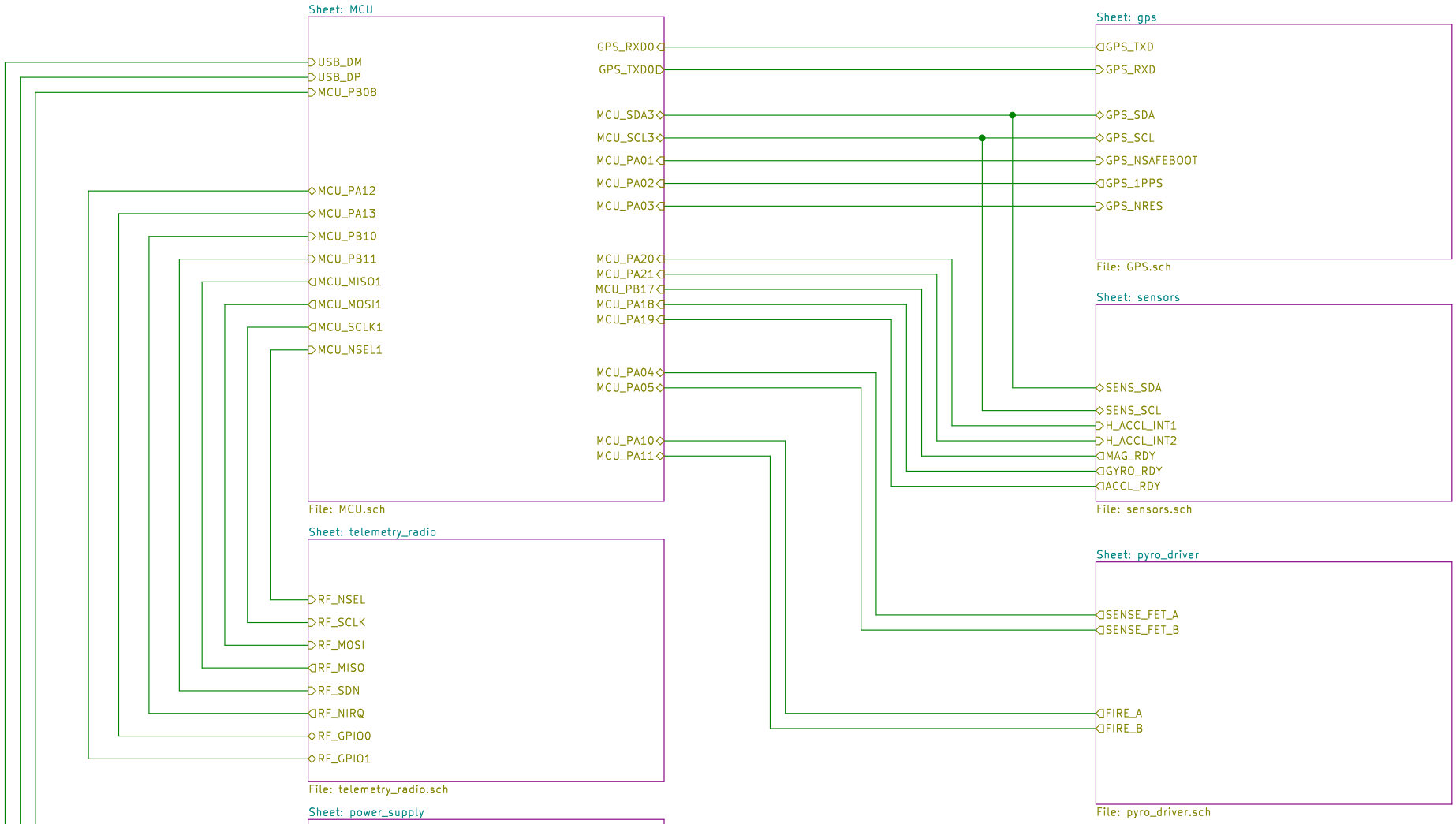

Based on the Picotracker MK II

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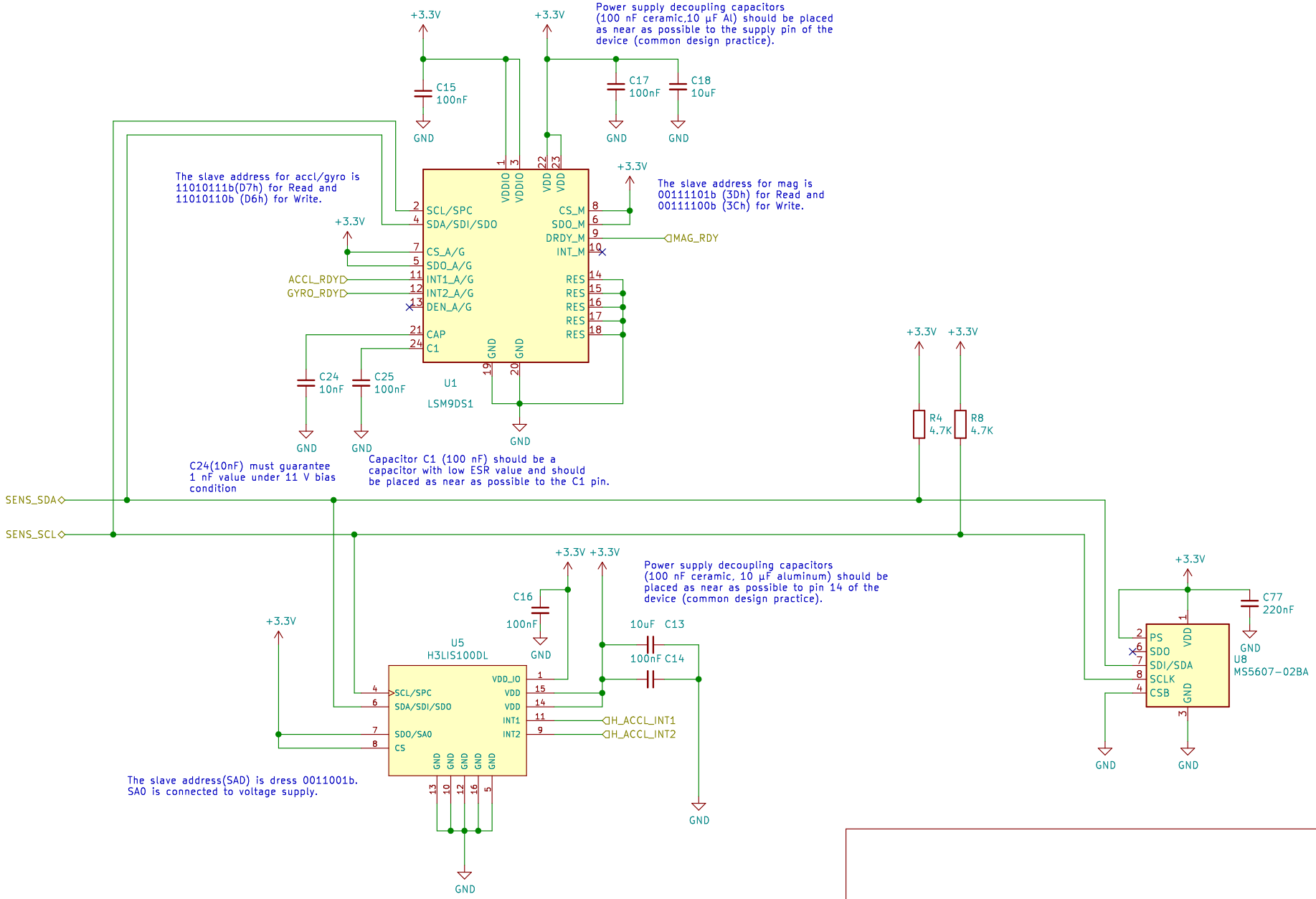
Sheet: /
File: circuit board design.sch

Title: flight computer for rocket

Size: A4	Date: 2019-09-09	**Rev: 1.0**
KiCad E.D.A. kicad (5.1.2)-1		Id: 1/7



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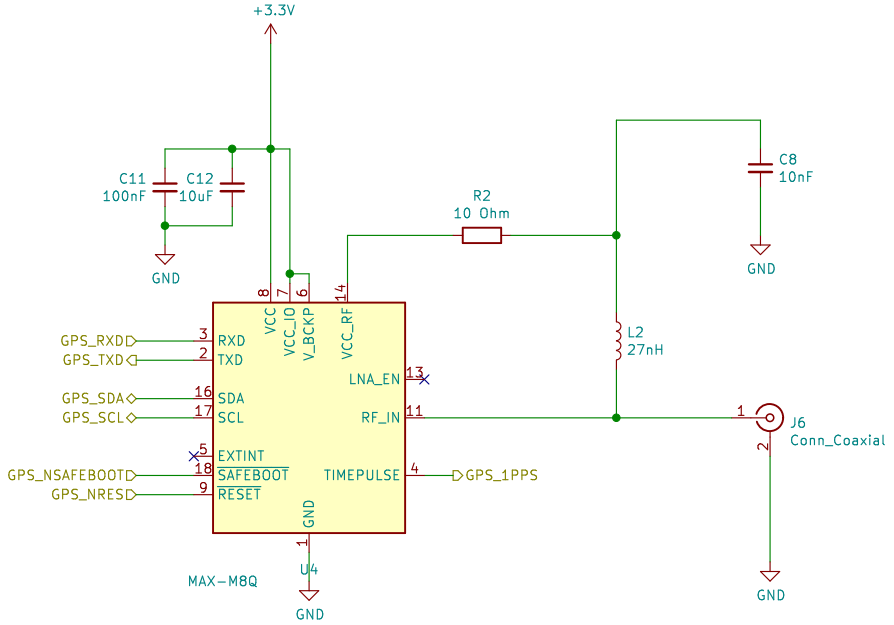
Sheet: /sensors/		
File: sensors.sch		
Title:		
Size: A4	Date: 2019-09-09	**Rev: 1.0**
KiCad E.D.A. kicad (5.1.2)-1		Id: 2/7

Layout according to MAX-8 / MAX-M8,
Hardware Integration Manual,
Section 2.4.2 Antenna design with active antenna.



Connected to active antenna, likely 2066400001
Molex active antenna. UFL connector

http://www.explorelabs.com/blog/designing-a-gps-receiver/#ref-ublox-datasheet

Important info on why we use the components

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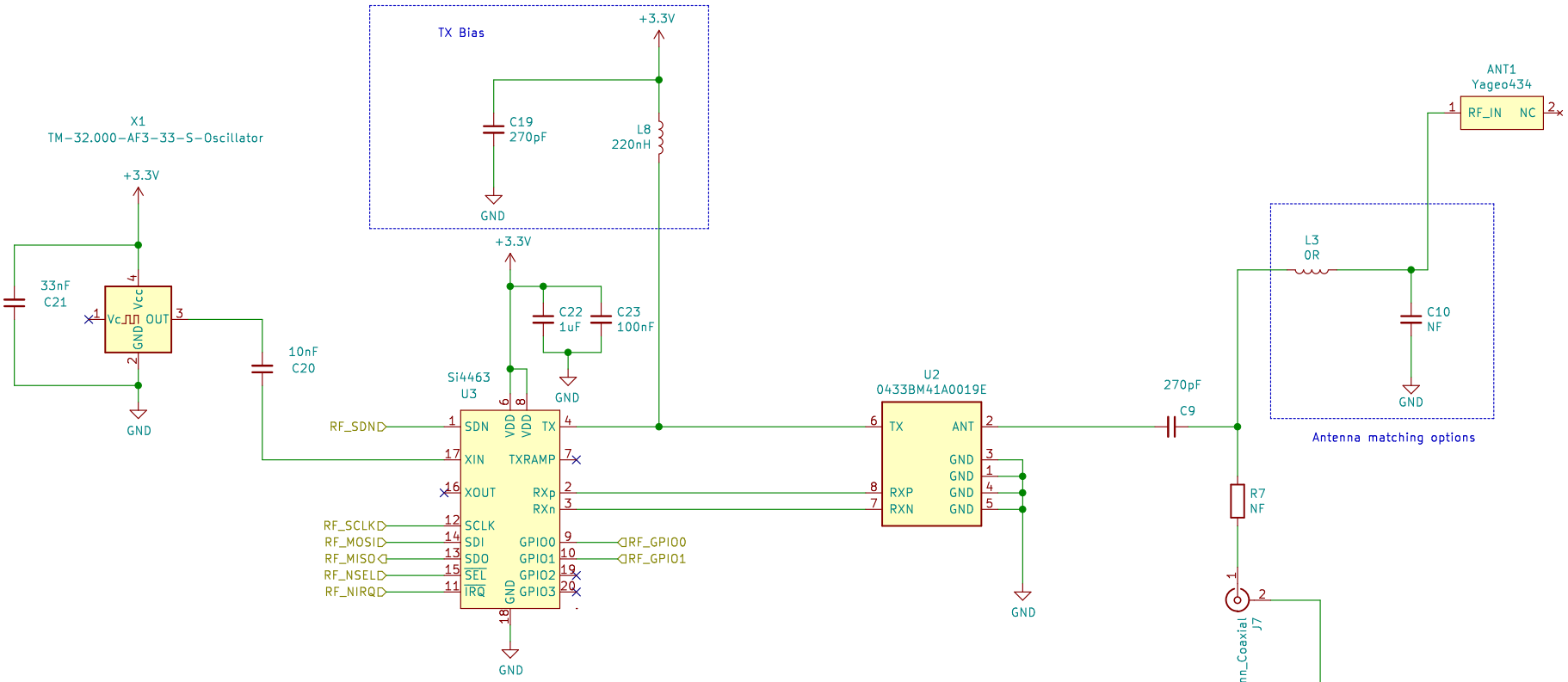
Sheet: /gps/
File: GPS.sch

Title:

Size: A4	Date: 2019-09-09	**Rev: 1.0**
KiCad E.D.A. kicad (5.1.2)-1		Id: 3/7



Arranged according to Silabs AN904.

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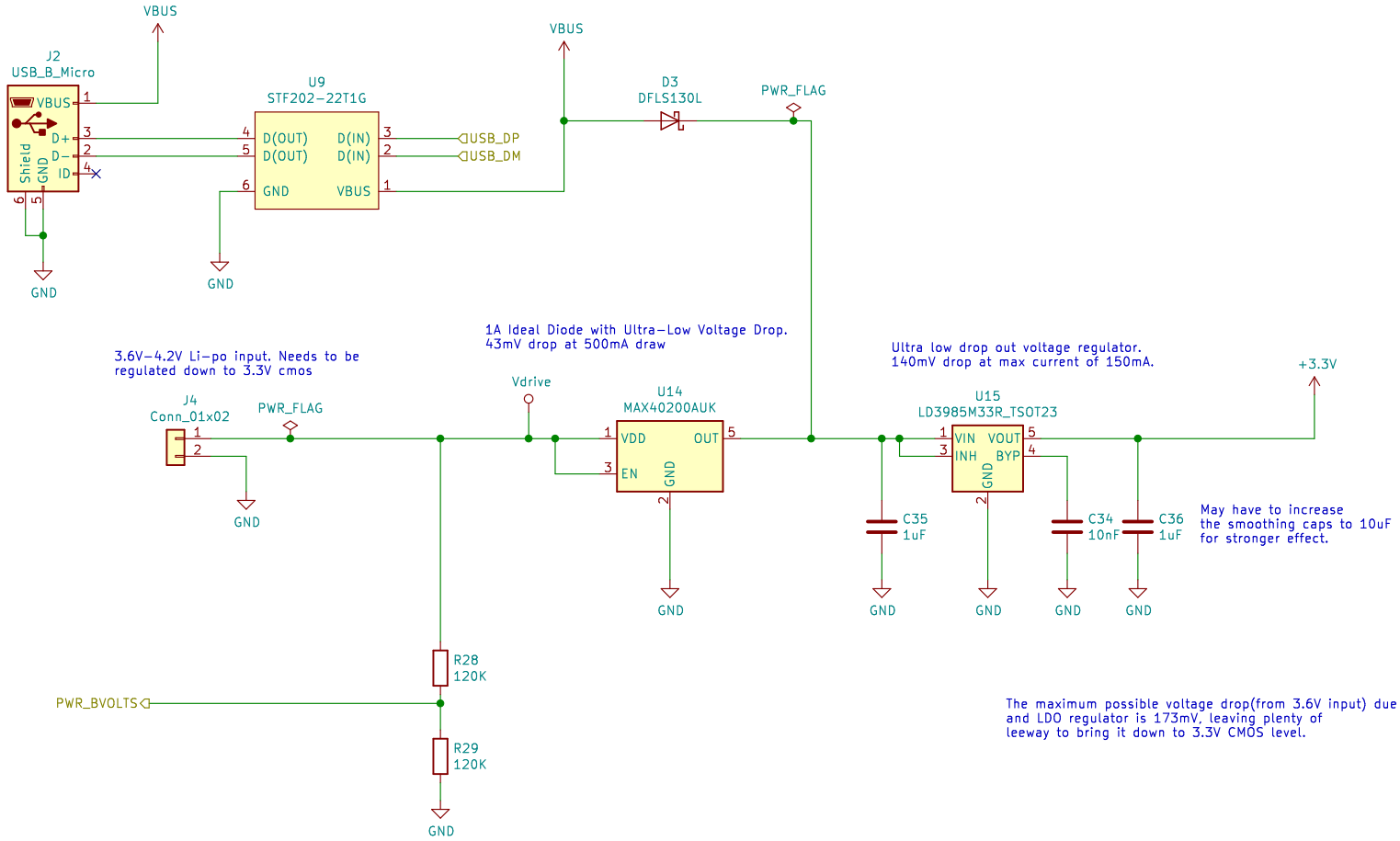
Sheet: /telemetry_radio/
File: telemetry_radio.sch

Title: Silabs radio chip for telemetry to ground

Size: A4	Date: 2019-09-09	**Rev: 1.0**
KiCad E.D.A. kicad (5.1.2)-1		Id: 4/7



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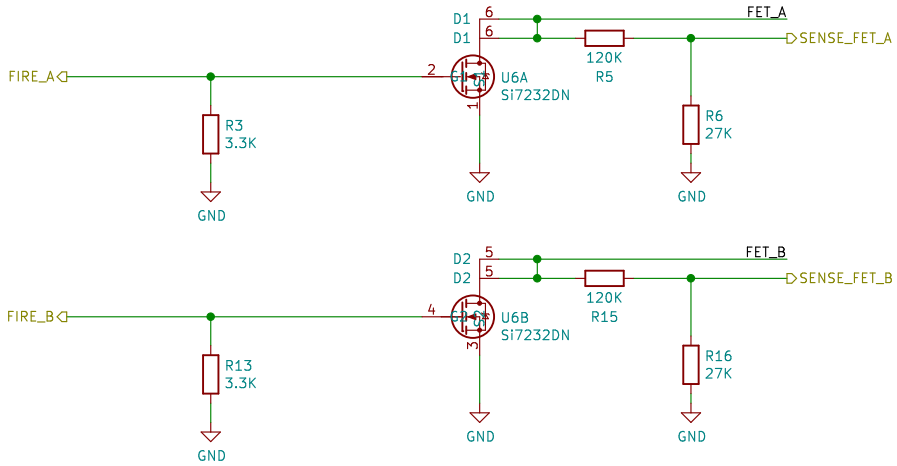
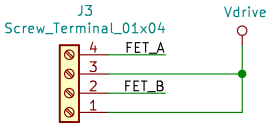
Sheet: /power_supply/
File: power_supply.sch

Title:

Size: A4	Date: 2019−09−09	**Rev: 1.0**
KiCad E.D.A. kicad (5.1.2)−1		Id: 5/7



Goes to a Double Pole Single Throw switch



Pyro drivers based on the Telementrum design

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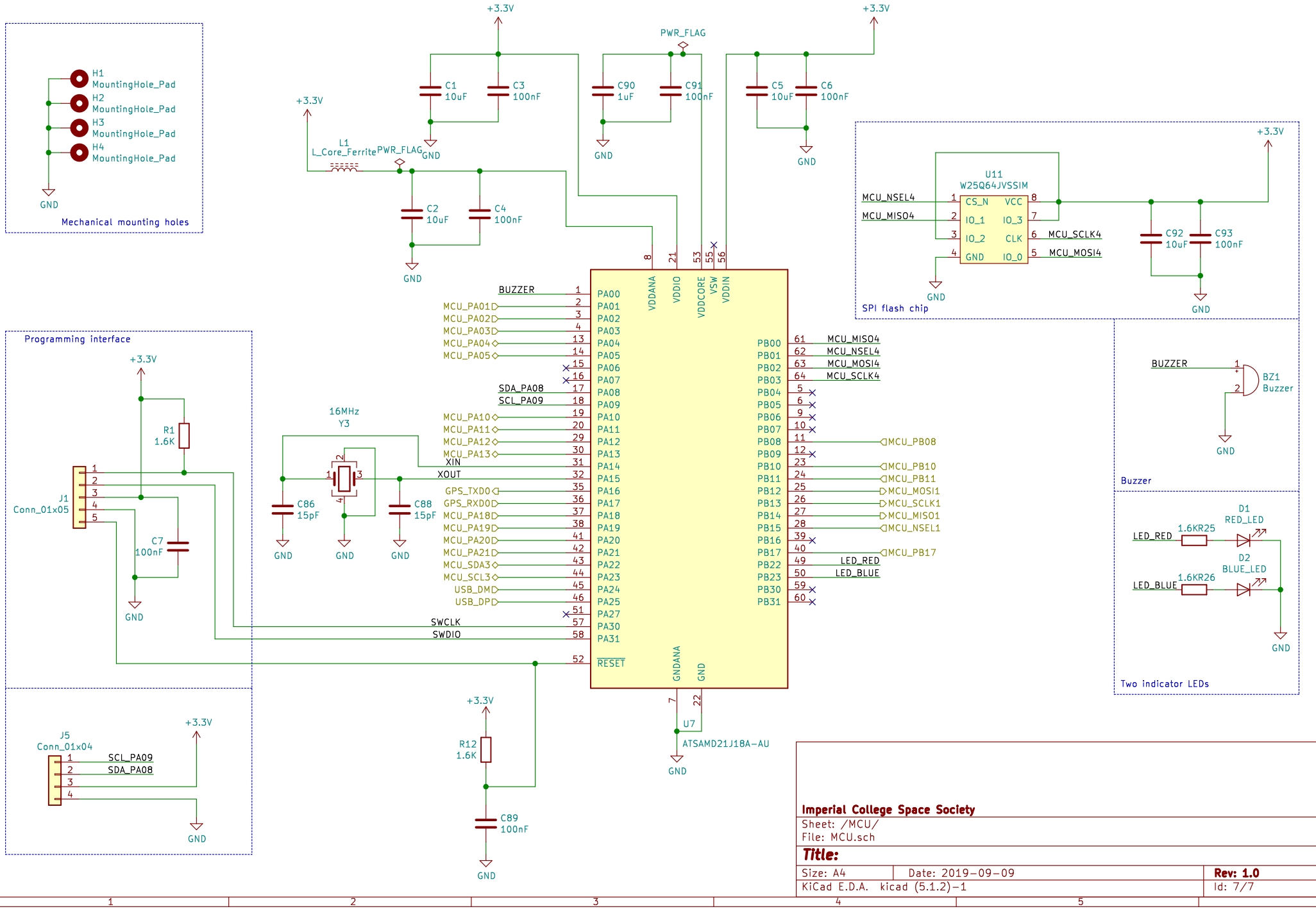
Sheet: /pyro_driver/
File: pyro_driver.sch

Title: Pyro drivers

Size: A4	Date: 2019-09-09	**Rev: 1.0**
KiCad E.D.A. kicad (5.1.2)-1		Id: 6/7



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Sheet: /MCU/		
File: MCU.sch		
Title:		
Size: A4	Date: 2019-09-09	**Rev: 1.0**
KiCad E.D.A. kicad (5.1.2)-1		Id: 7/7