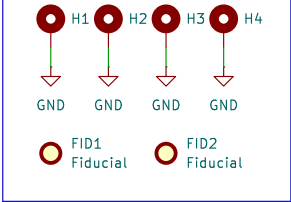


Mounting holes



Title: DATALOGGER01A

Universal battery powered SDcard datalogger.

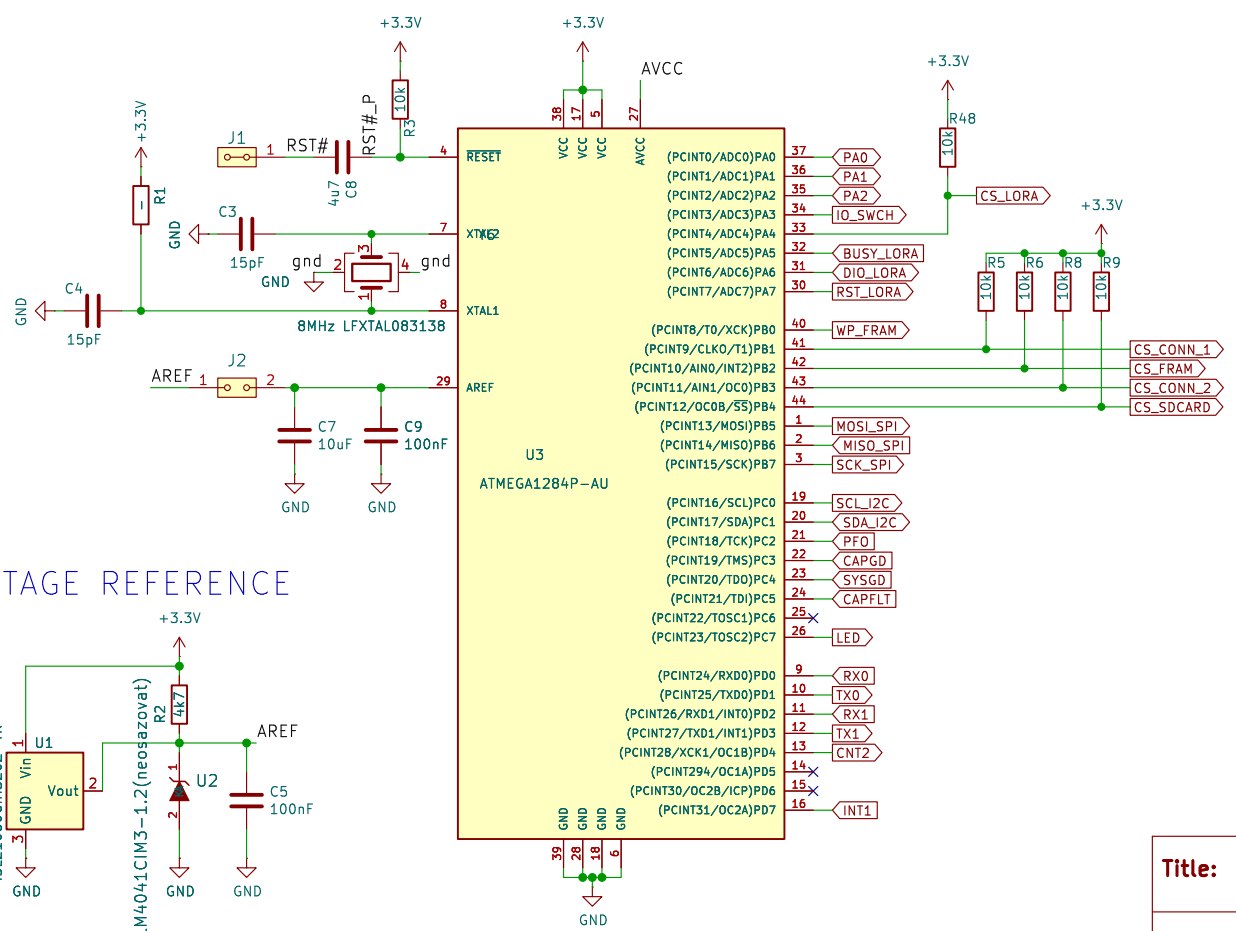
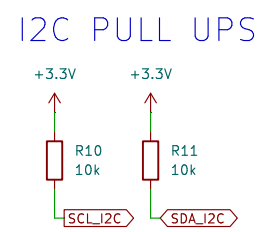
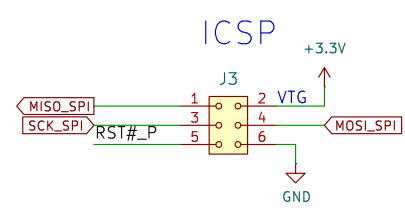
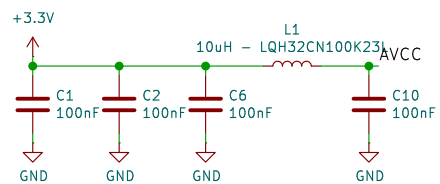
Author: Mlab www.mlab.cz

Size: A4

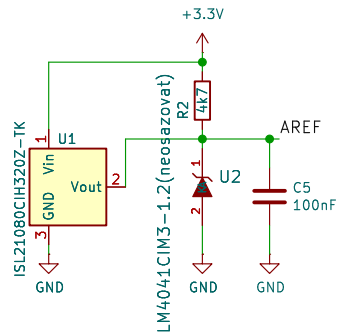
Page: 1/6

Date: 2022-08-14

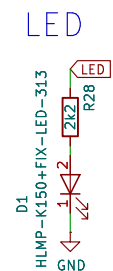
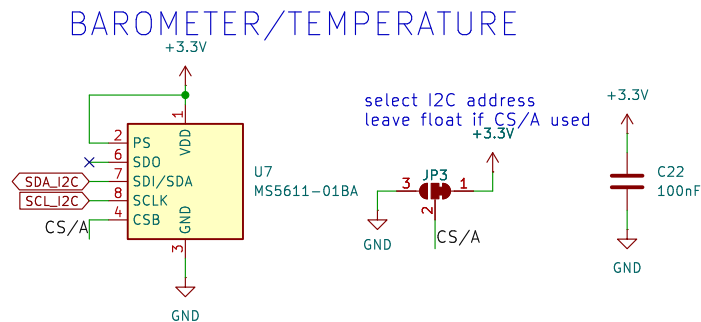
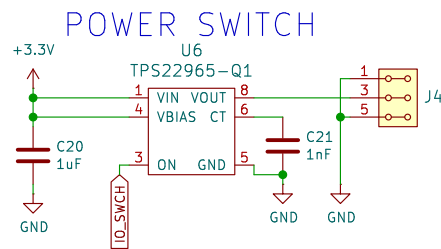
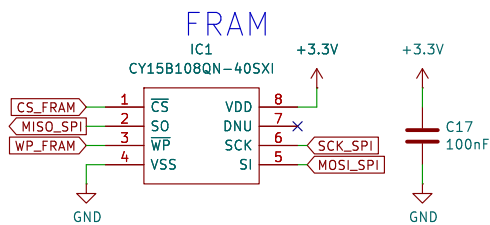




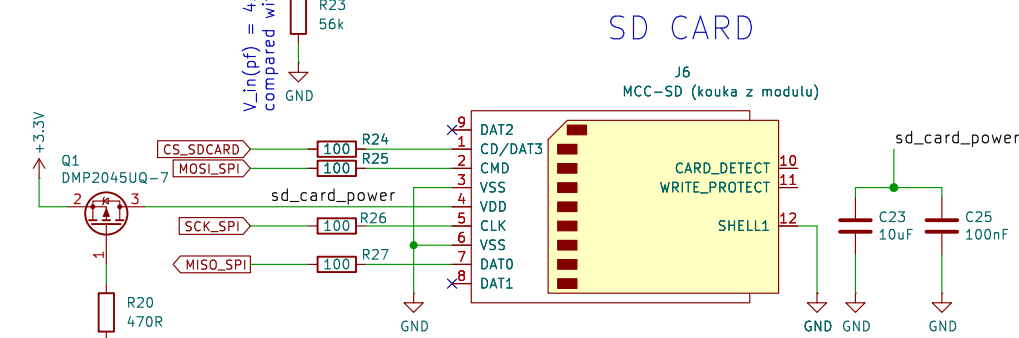
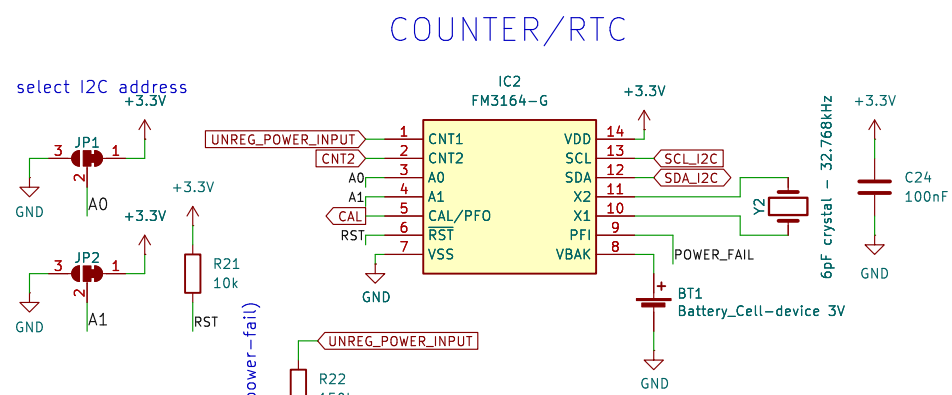
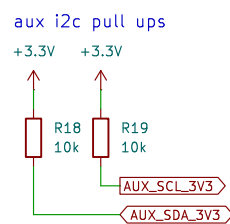
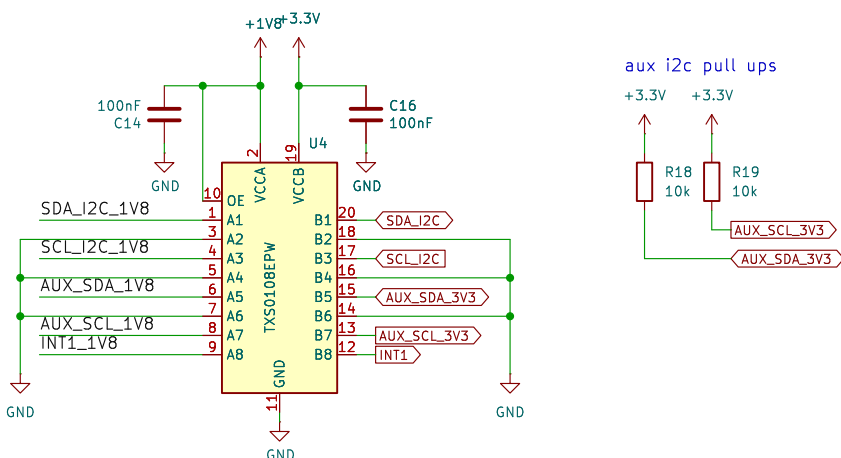
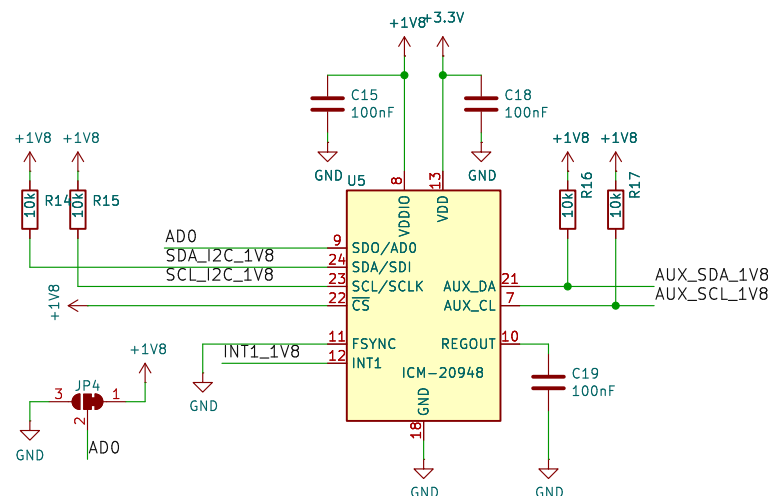
VOLTAGE REFERENCE



- PB0 -
- PB1 - CS_CONN_1
- PB2 - CS_FRAM
- PB3 - CS_CONN_2
- PB4 - CS_SDCARD
- PB5 - MOSI_SPI
- PB6 - MISO_SPI
- PB7 - SCK_SPI



INERTIAL MEASUREMENT UNIT



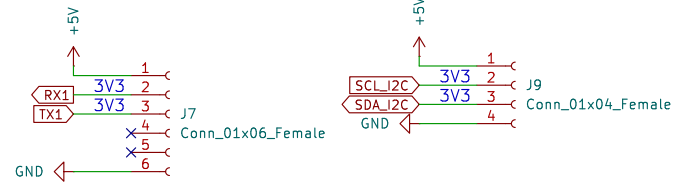
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Author:

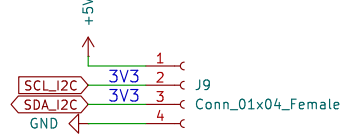
Size: A4 **Page:** 4/6 **Date:**

PIXHAWK STANDARD HEADERS

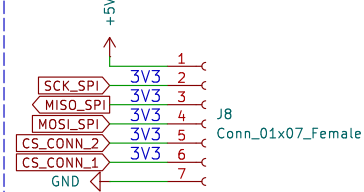
UART CONN.



I2C CONN.

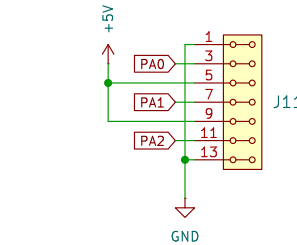


SPI CONN.

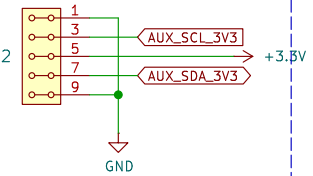


PIN HEADERS

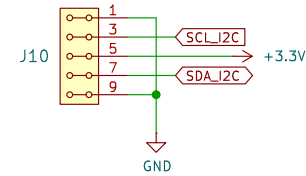
ANALOG CONN



AUX_I2C CONN



I2C CONN



Title:

Author:

Size: A4

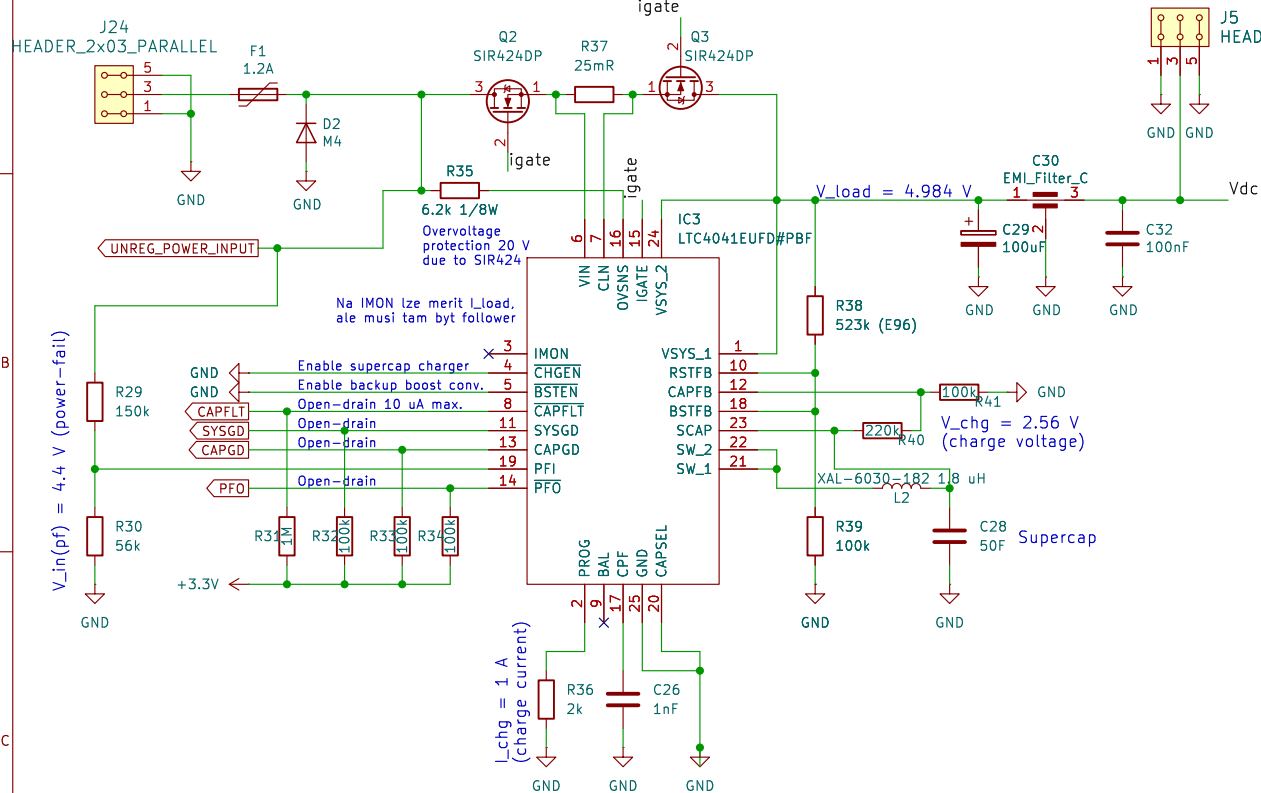
Page: 5/6

Date:

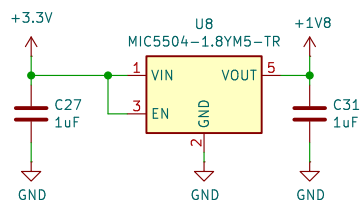


SUPERCAP MANAGEMENT

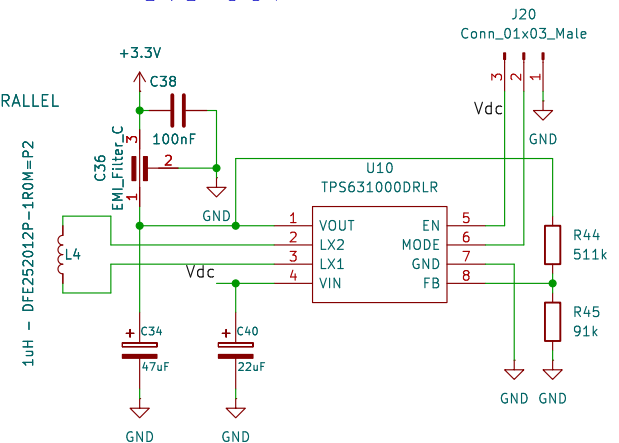
Supercap charge current = 0 A
if load current = 1 A
 $R_s = 25 \text{ m}\Omega / I_{\text{load}}$



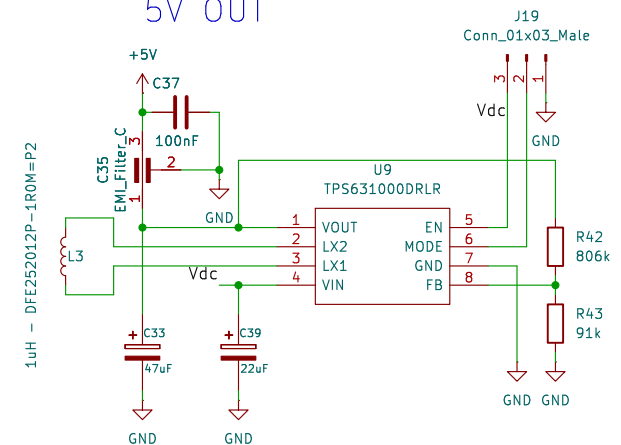
LDO 3V3 IN 1V8 OUT



BUCK-BOOST CONVERTOR 1V6 – 5V5 IN 3V3 OUT



BUCK-BOOST CONVERTOR 1V6 – 5V5 IN 5V OUT



Title:

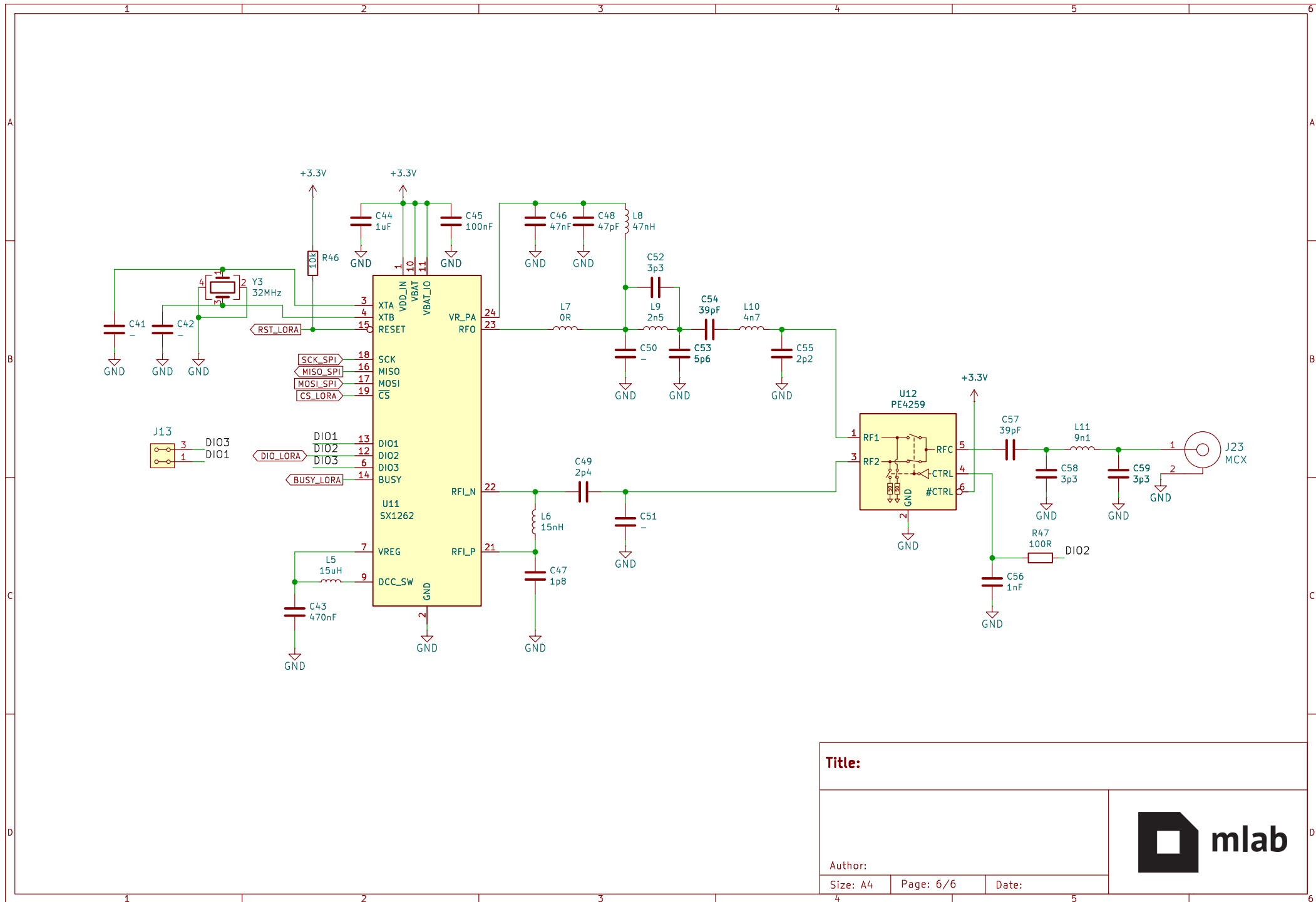
Author:

Size: A4

Page: 6/6

Date:





Title:

Author:

Size: A4

Page: 6/6

Date:

