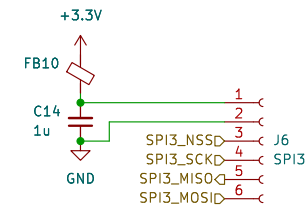
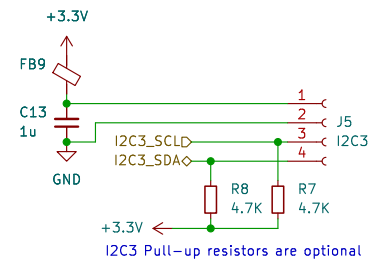
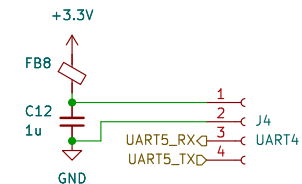
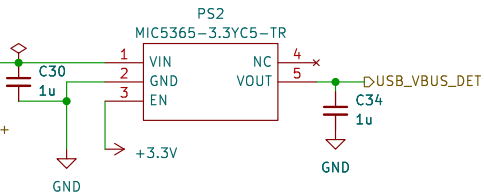
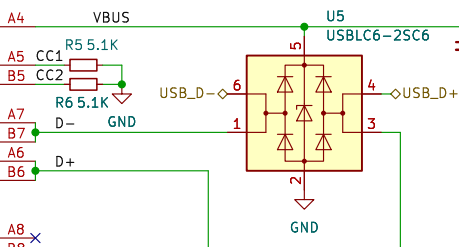
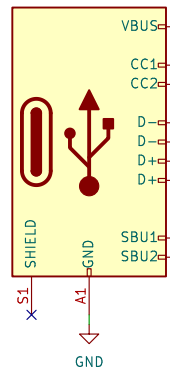


J3
USB_C_Receptacle_USB2.0



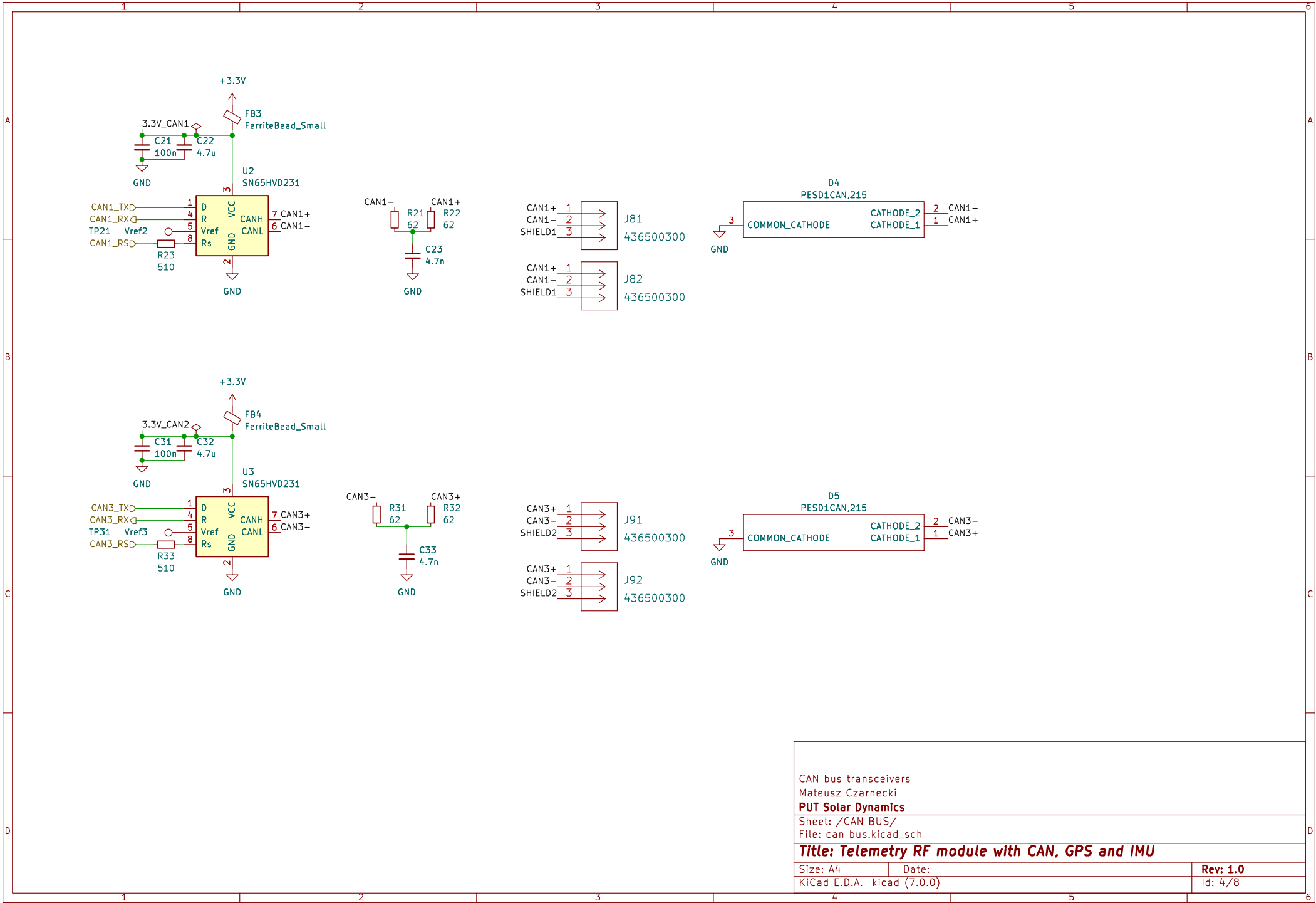
Connectors: USB C and external I2C, UART and SPI
Mateusz Czarnecki

PUT Solar Dynamics

Sheet: /CONNECTORS/
File: conectors.kicad_sch

Title: Telemetry RF module with CAN, GPS and IMU

Size: A4	Date:	Rev: 1.0
KiCad E.D.A. kicad (7.0.0)		Id: 3/8



CAN bus transceivers

Mateusz Czarnecki

PUT Solar Dynamics

Sheet: /CAN BUS/

File: can bus.kicad_sch

Title: Telemetry RF module with CAN, GPS and IMU

Size: A4

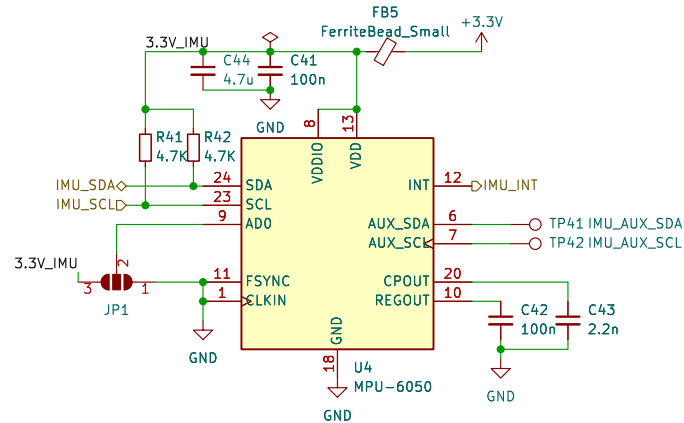
Date:

Rev: 1.0

KiCad E.D.A. kicad (7.0.0)

Id: 4/8

MPU-6050 is pin to pin compatible with MPU-9150
MPU-9150 has additional compass



Solder jumper is to determine LSB I2C slave address
3.3V is b1101001
GND is b1101000

Gyro + Acc w/o mag

Mateusz Czarnecki

PUT Solar Dynamics

Sheet: /IMU/

File: IMU.kicad_sch

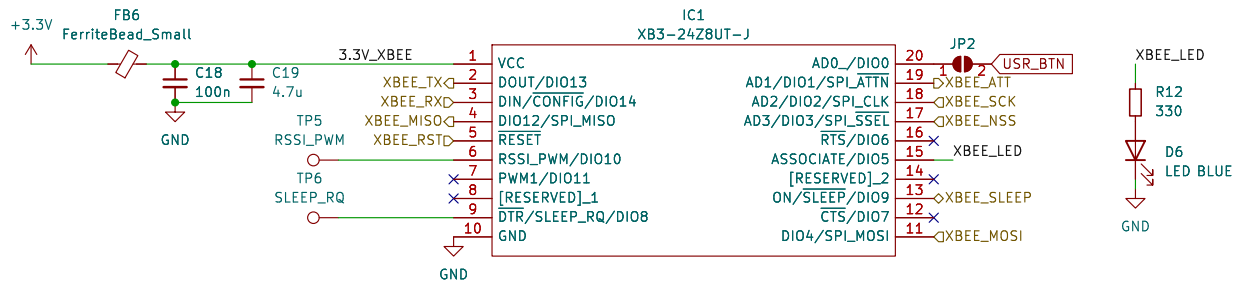
Title: Telemetry RF module with CAN, GPS and IMU

Size: A5 Date:

KiCad E.D.A. kicad (7.0.0)

Rev: 1.0

Id: 5/8



XBEE3 module
Mateusz Czarnecki
PUT Solar Dynamics
Sheet: /XBEE/
File: xbee.kicad_sch

Title: Telemetry RF module with CAN, GPS and IMU

Size: A5
KiCad E.D.A. kicad (7.0.0)

Date:

Rev: 1.0
Id: 6/8

