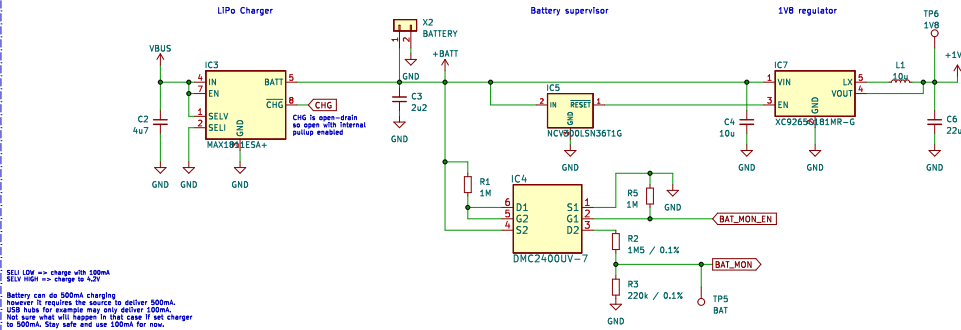
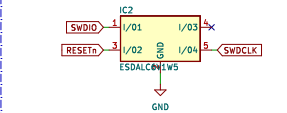


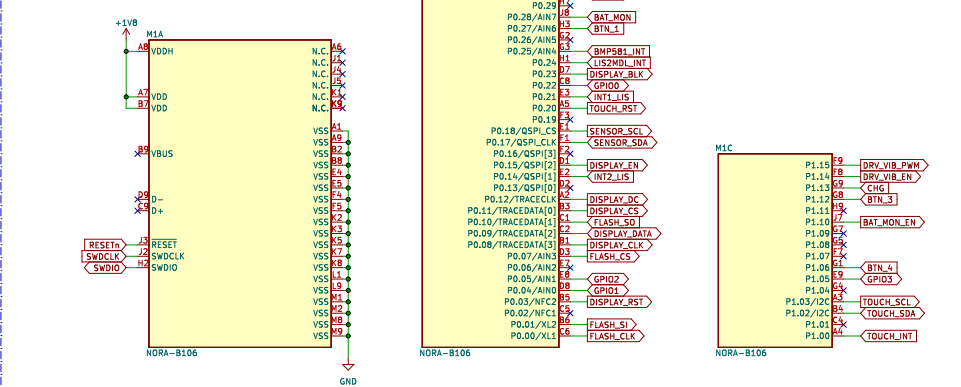
Power Management



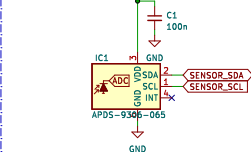
ESD protection



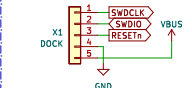
Microcontroller (NORA-B106/nRF5340)



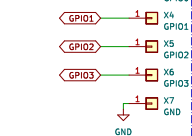
Light sensor



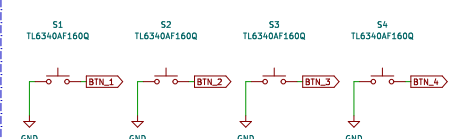
Dock connector



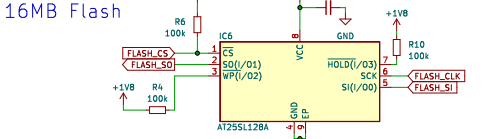
GPIO



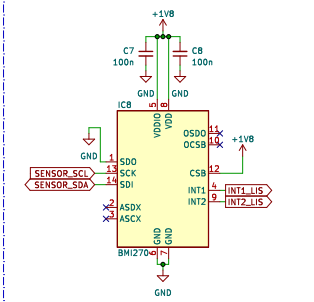
Buttons



External 16MB Flash

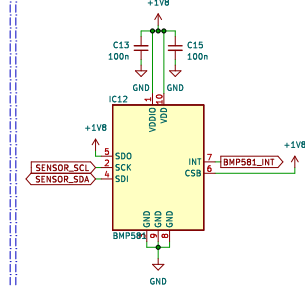


IMU with step counter, gesture detection etc.

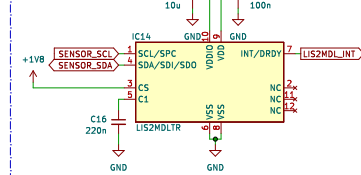


Careful with rotation, if not put as default, SW axis swap is needed. Right now placed upside down, hence this is adjusted in SW.

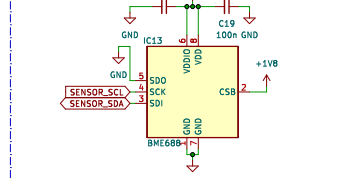
High accuracy pressure sensor



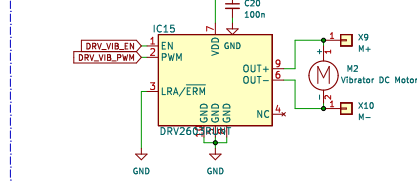
Magnetometer



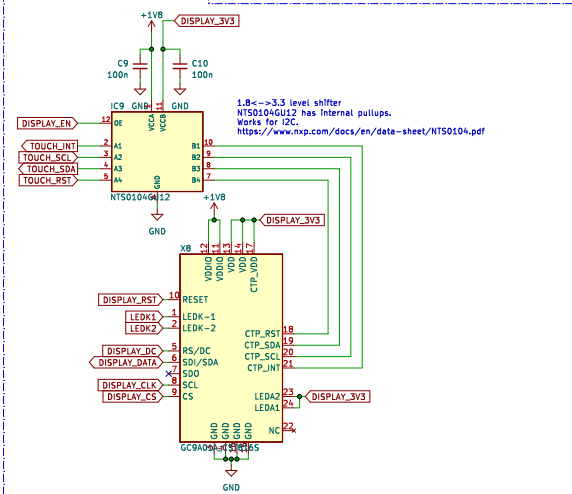
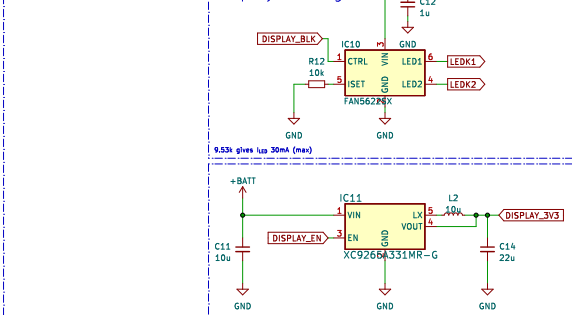
Gas, Pressure, Temperature & Humidity



Vibration motor (ERM Mode)



Display



I2C addresses

BMI270	0x68
BMP581	0x46
BME688	0x76
LIS2MDL	0x1E
APDS-9306-065	0x52

github.com/jakkro/ZSWatch

Sheet: /

File: ZSWatch.kicad_sch

Title: ZSWatch v2

Size: User

Kicad E.D.A. Kicad 7.0.2

Date: 2023-08-19

Rev: 3

Id: #/1