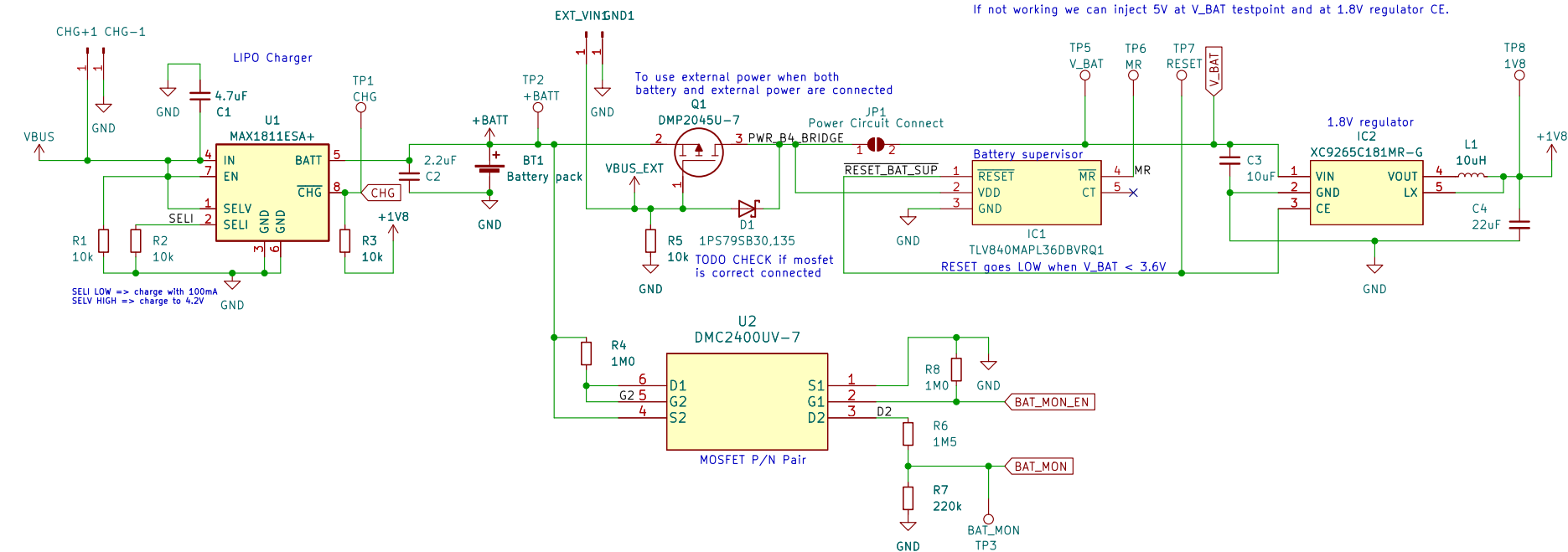


Power Management

In case of issues in battery and power management circuit there are a solder bridge that can be unconnected in order for rest of board to still function.

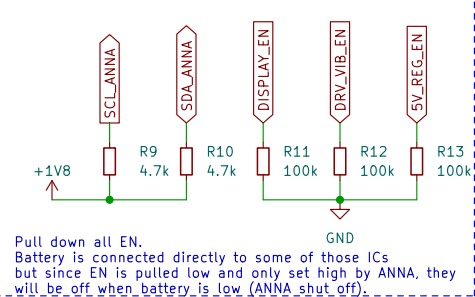
If not working we can inject 5V at V_BAT testpoint and at 1.8V regulator CE.



Power flags

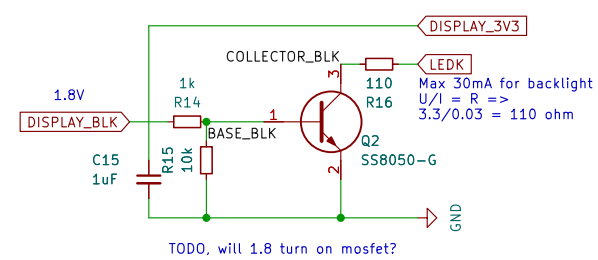


Pull-up resistors

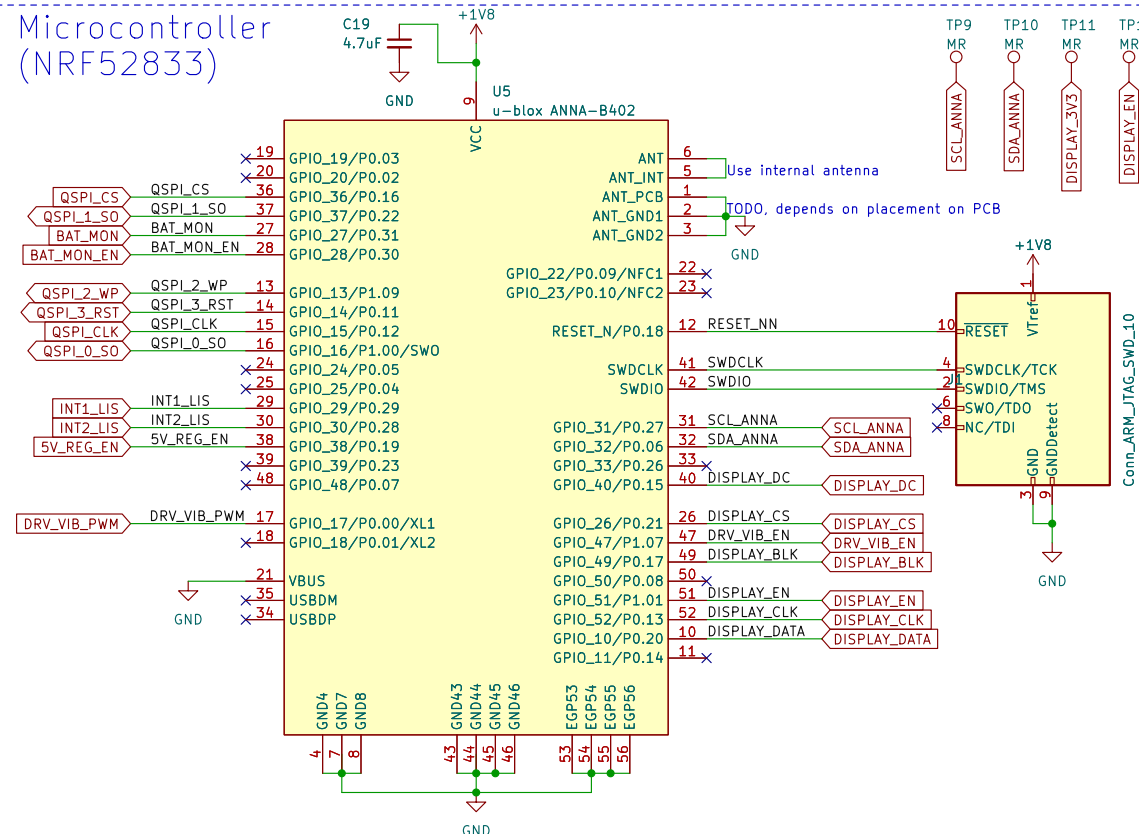


Display

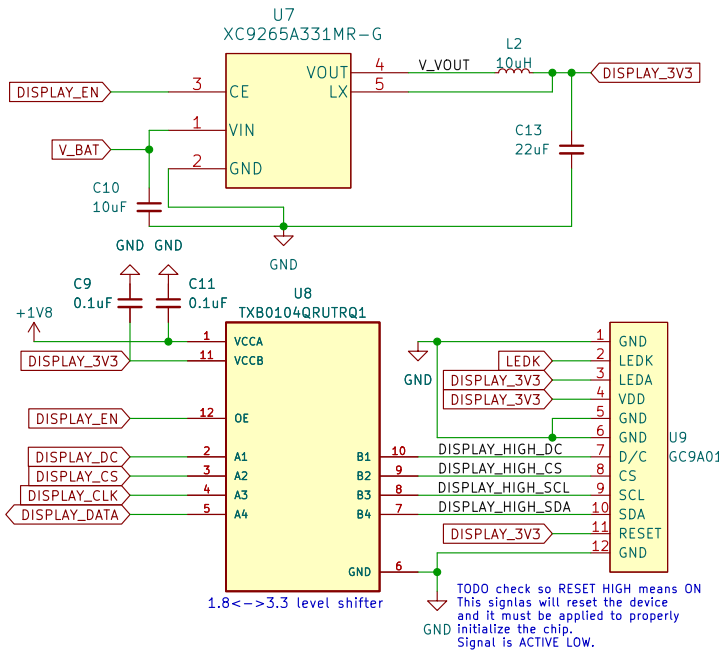
Display backlight



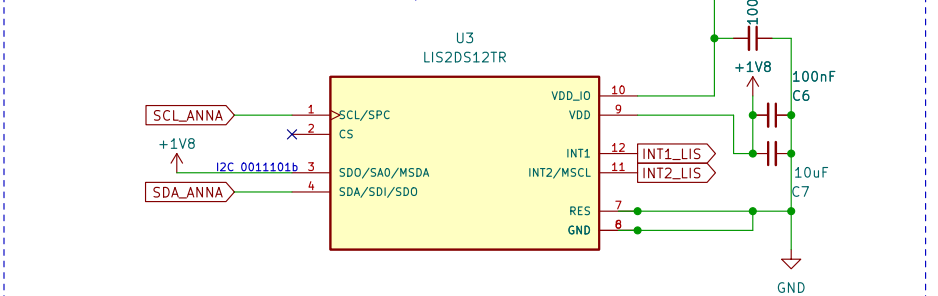
Microcontroller (NRF52833)



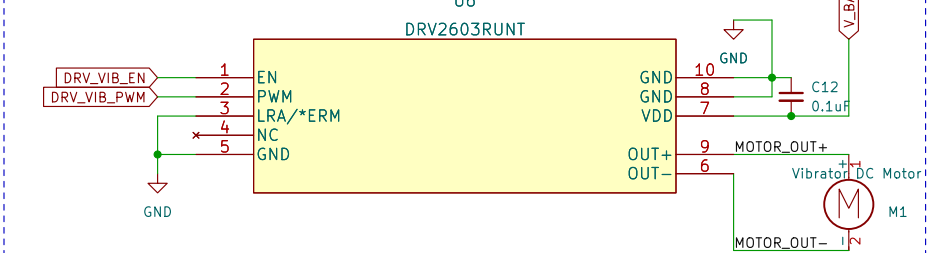
3V3 display regulator



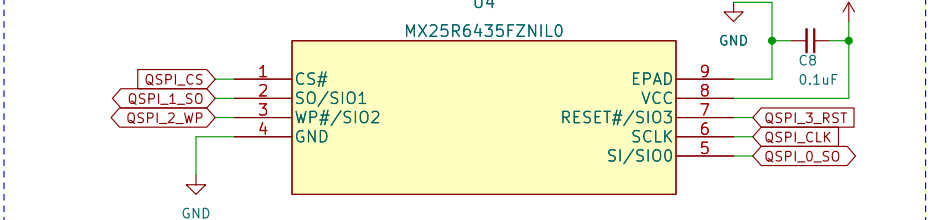
Accelerometer and step counter



Vibration motor

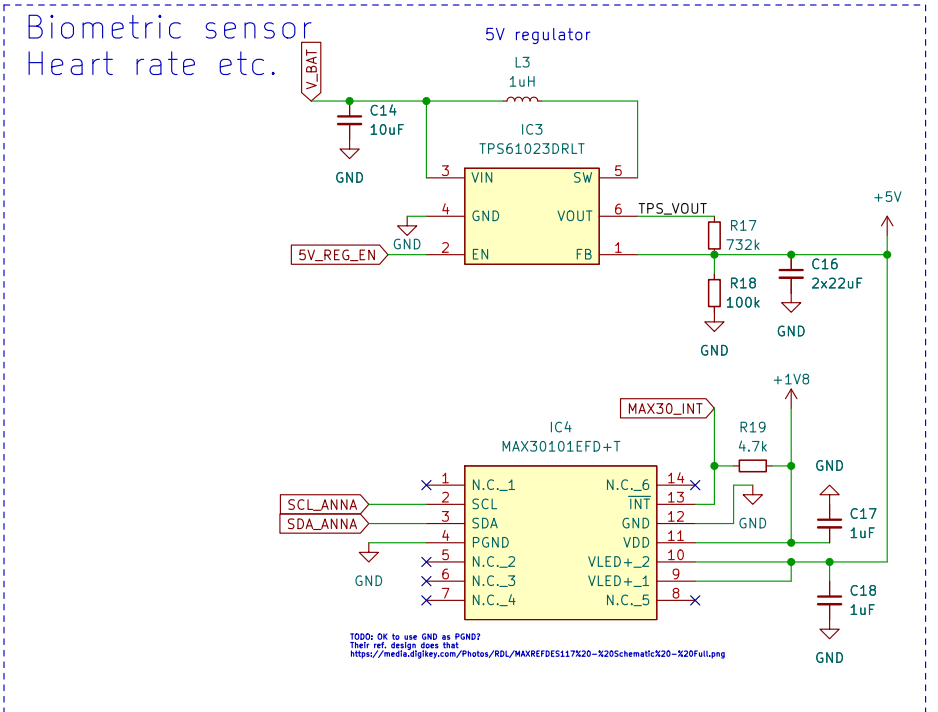


External 8MB Flash



Biometric sensor

Heart rate etc.



Jakob Krantz

Sheet: /
File: nrf-watch-kicad.kicad_sch

Title: Smart Watch

Size: A3 Date: 2022-09-05
KiCad E.D.A. kicad (6.0.7)

Rev: 0.1
Id: #/1