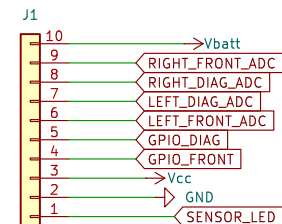
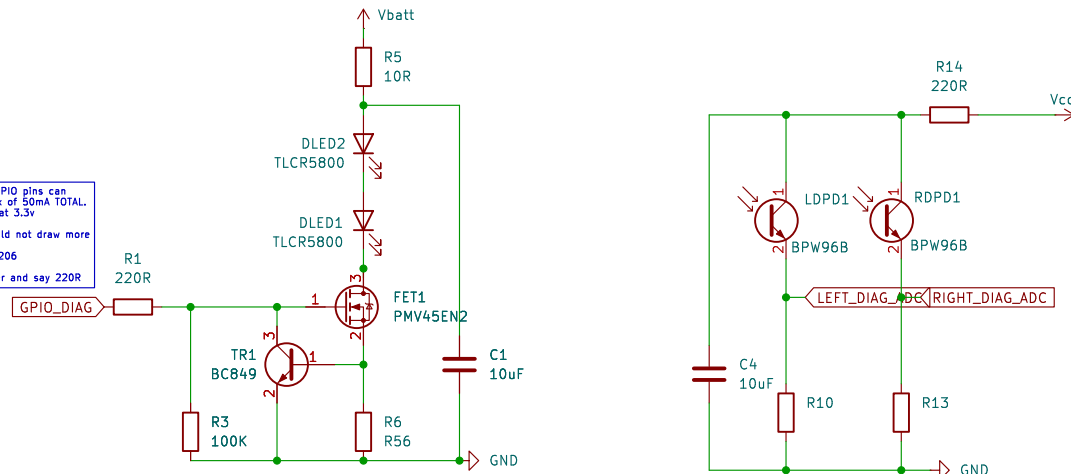


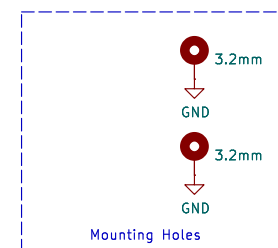
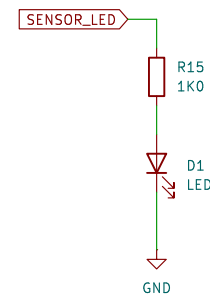
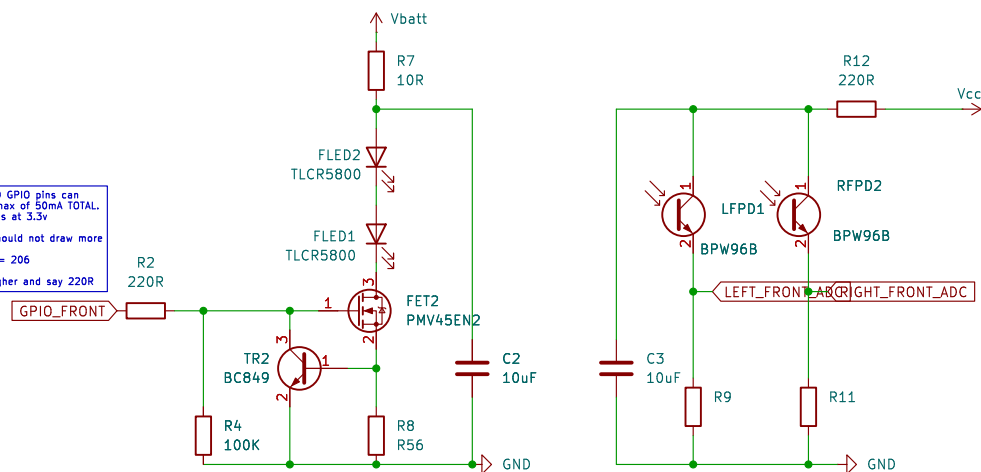
Diagonal Circuits

The RP2040 GPIO pins can support a max of 50mA TOTAL. RP2040 runs at 3.3v
Each pin should not draw more than 16mA
 $3.3/0.016 = 206$
Let's go higher and say 220R



Front Circuits

The RP2040 GPIO pins can support a max of 50mA TOTAL. RP2040 runs at 3.3v
Each pin should not draw more than 16mA
 $3.3/0.016 = 206$
Let's go higher and say 220R



Redesign of the UKMARS Advanced board to use SMD and Duncan's design

Sheet: /

File: MouseSMDUKMARSAdvancedBoard.kicad_sch

Title: Mouse SMD UKMARS Advanced Sensor Board

Size: A4

Date: 2024-12-19

Rev: 1

KiCad E.D.A. 8.0.8

Id: 1/1