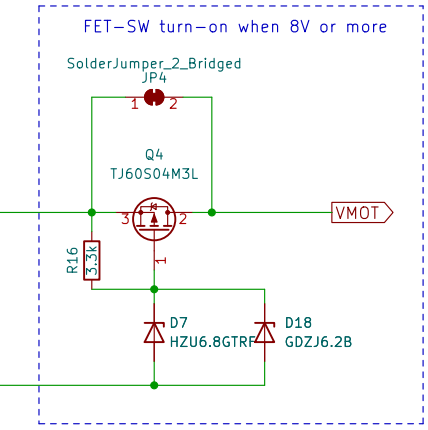
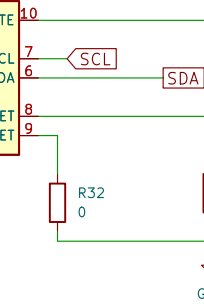
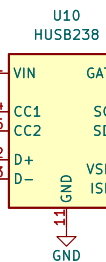
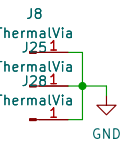
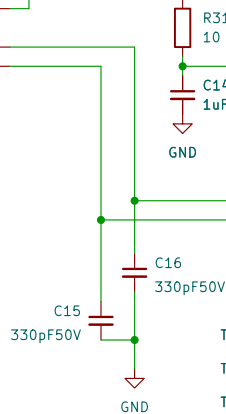
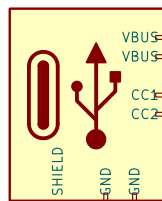


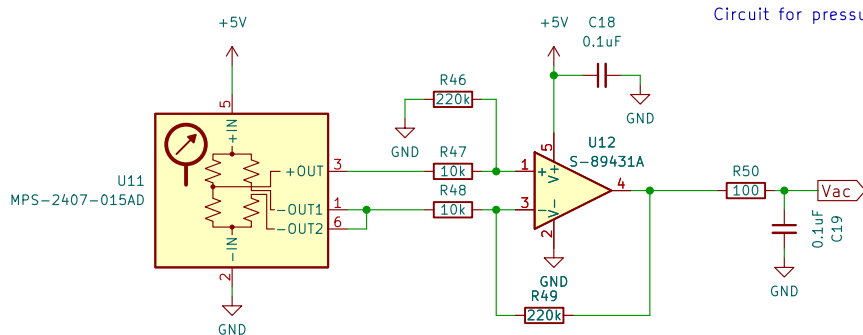
J7
USB_C_Receptacle_6
mylib:USB_C_6



JP3 open -> 20V
2-3 14k -> 15V
1-2 10k -> 12V
1-2-3 5.8k -> 9V

R32 22k --> 0
2022/6/10

Circuit for pressure sensor



OpAMP Rail-to-Rail
Gain = $R34 / (R32 + R_s) = 100 / (10 + 2.5) = 8$
Gain = $R34 / (R32 + R_s) = 220 / (10 + 2.5) = 18$
Offset = $V_{cc} * R30 / (R30 + R33) = 5 * 220 / (440) = 2.5V$

Rev.6
* Delete Reverse current protection
* Add FET-SW that turn-on when 8V or more

Pick and Place Arduino Mega 2560 Shield

n.k products

Sheet: /USBC/

File: usbc.kicad_sch

Title: Compact PnP

Size: A4 Date: 2023-03-12

KiCad E.D.A. kicad (6.0.10-0)

Rev: 06

Id: 2/2