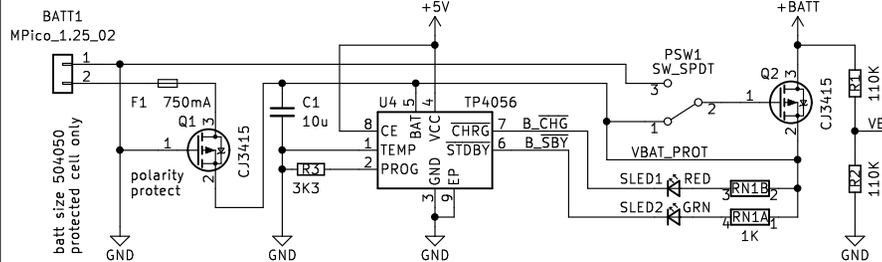
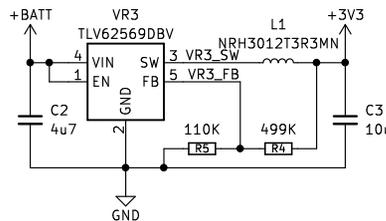


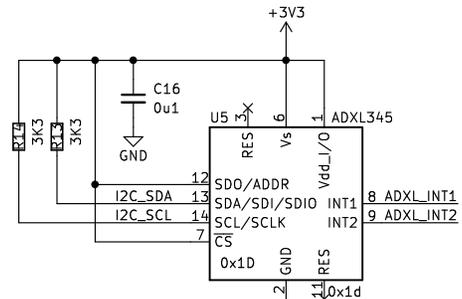
Battery and Charger



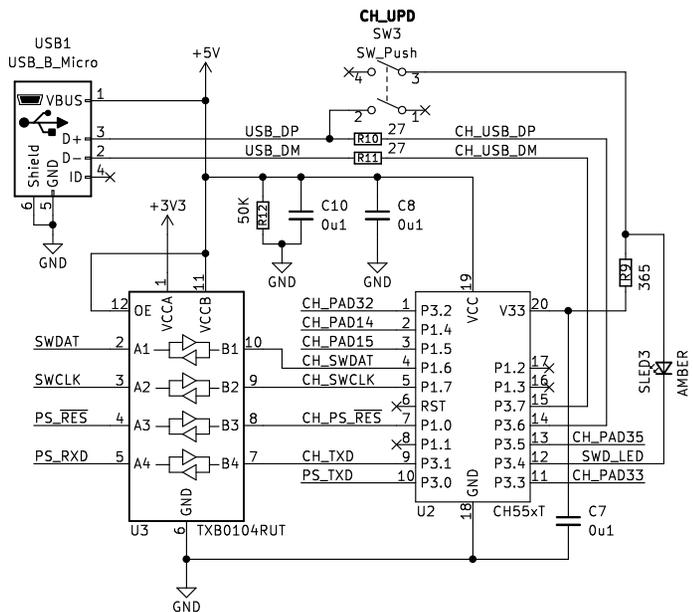
Main VREG



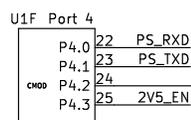
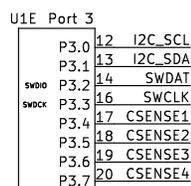
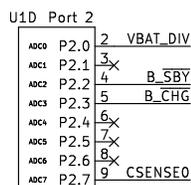
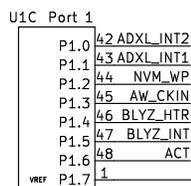
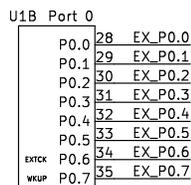
I2C Devices



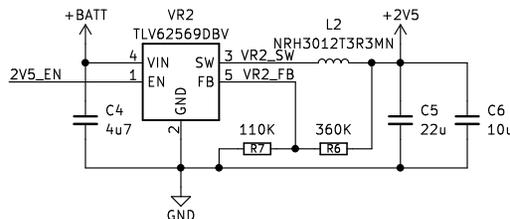
Embedded Debug



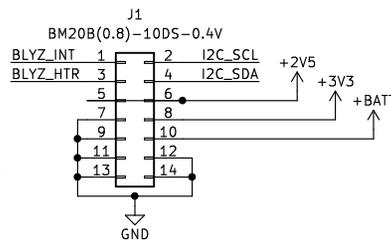
MCU I/O



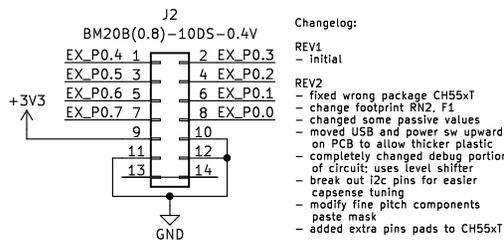
Heater VREG



Board to Board

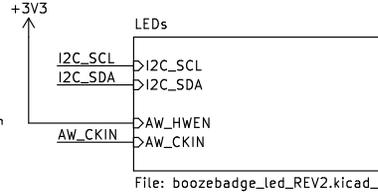
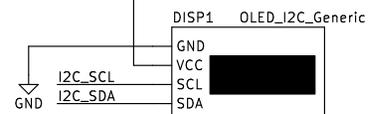
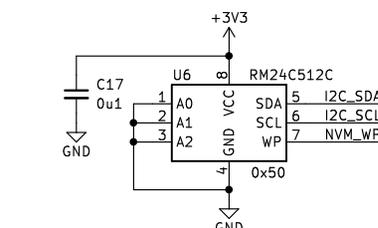
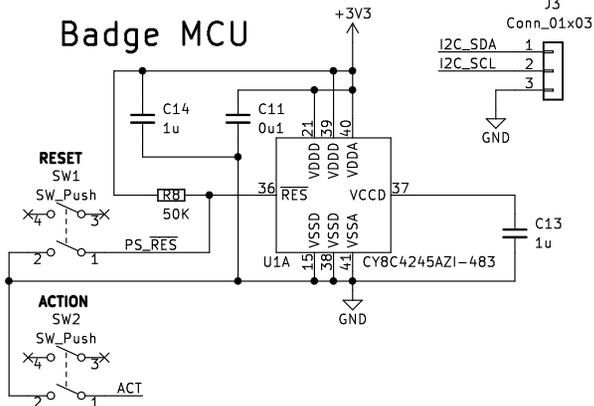


Expansion



Changelogs:
 REV1 - Initial
 REV2 - fixed wrong package CH55xt
 - change footprint RN2, F1
 - changed some passive values
 - moved USB and power sw upward on PCB to allow thicker plastic
 - completely changed debug portion of circuit; uses level shifter
 - break out i2c pins for easier capsense tuning
 - modify fine pitch components
 - paste mask
 - added extra pins pads to CH55xt

Badge MCU



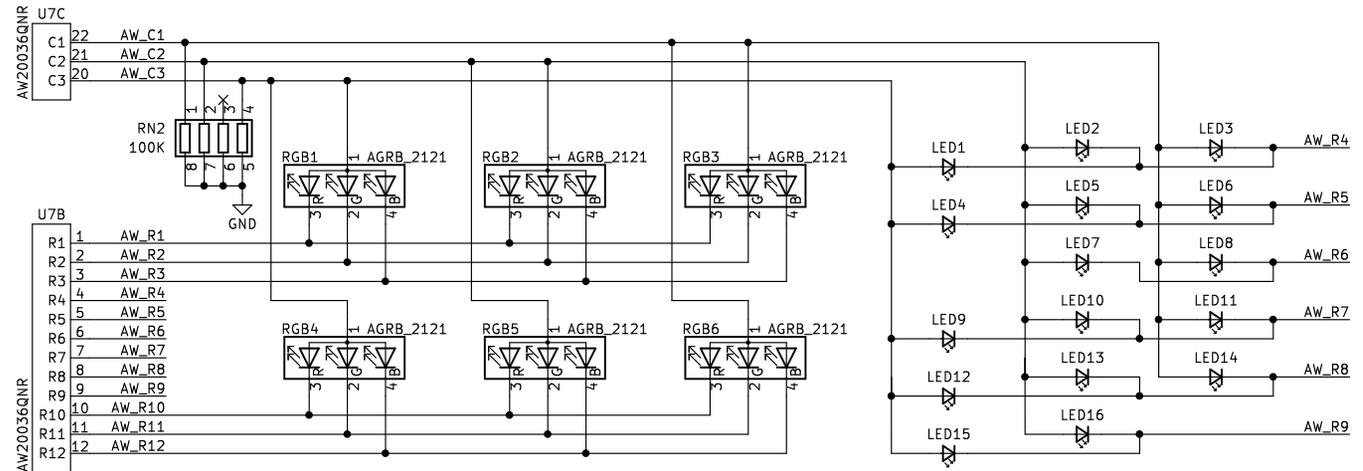
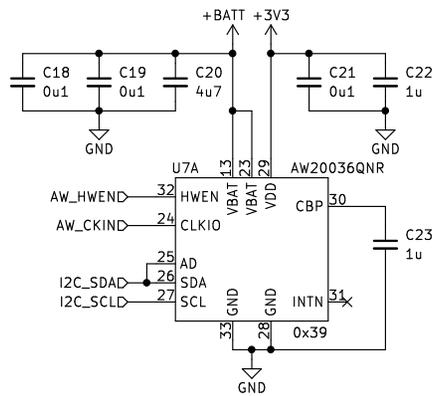
trueControl

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Title: whiskey pirates 2022 badge - Main Board

Size: USLetter	Date: 2022-07-05	Rev: REV2
KiCad E.D.A. kicad	(6.0.5)	Id: 1/2

LED Matrix Driver



trueControl

Sheet: /LEDs/

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Title: whiskey pirates 2022 badge – LED section

Size: USLetter Date: 2022-07-05

KiCad E.D.A. kicad (6.0.5)

Rev: REV2

Id: 2/2