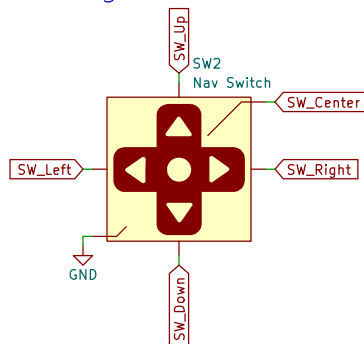
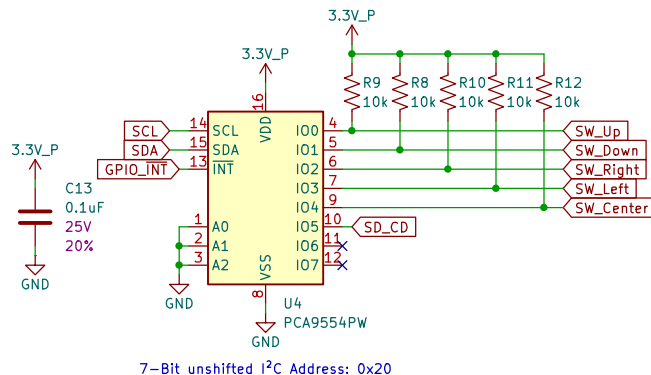


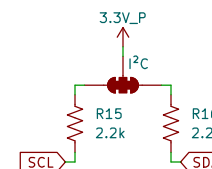
5-Way Navigation Switch



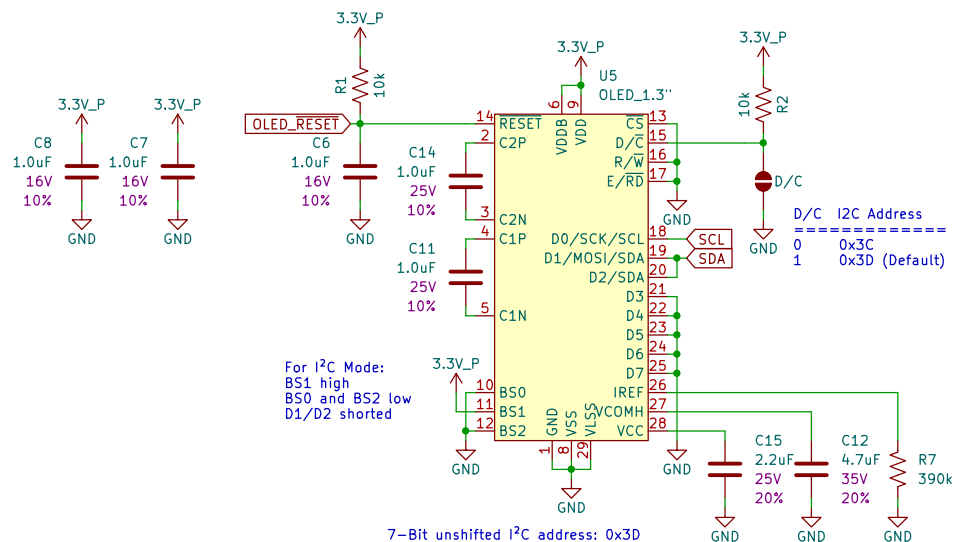
GPIO Expander



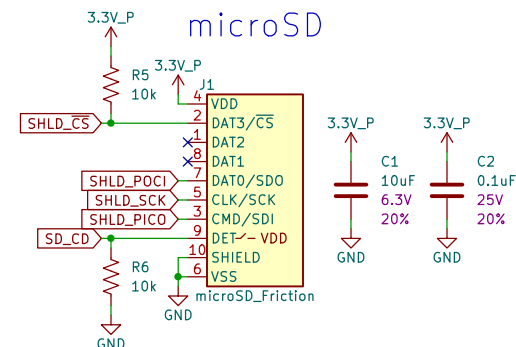
I²C Pull-ups



1.3" OLED



microSD



Power

File: power.kicad_sch



sparkfun

Designed by: N. Seidle

Sheet: /
File: SparkFun_Portability_Shield.kicad_sch

Title: SparkFun Portable Shield

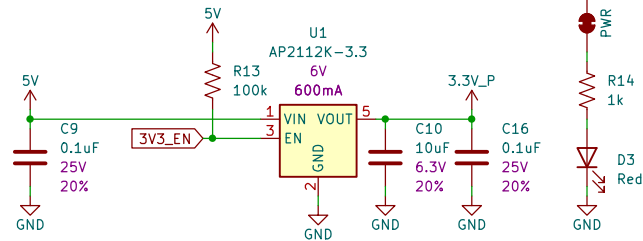
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KiCad E.D.A. 8.0.2

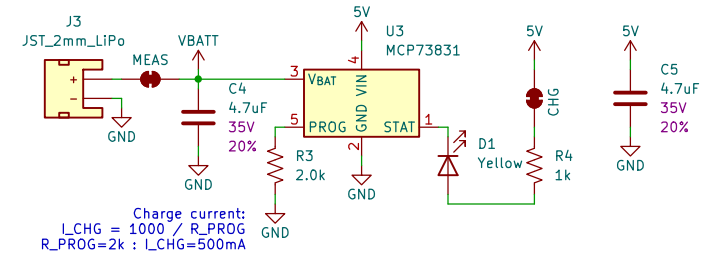
Rev: v10

Id: 1/2

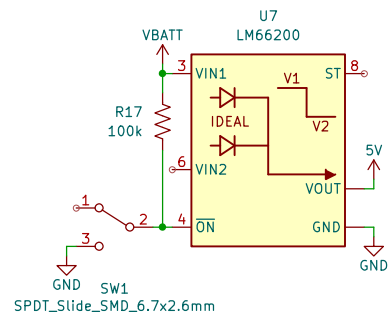
Power



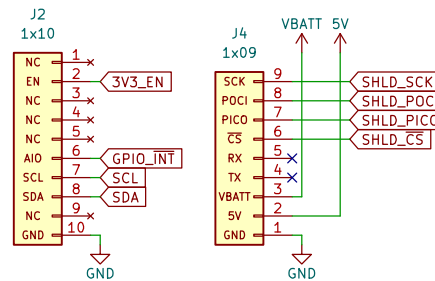
LiPo Charger



Battery Cutoff

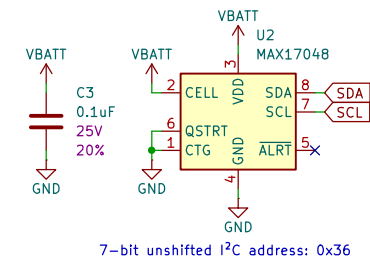


Shield Connectors



If 5V is present, LiPo charging commences.
 If 5V is absent, battery provides 5V to mainboard.
 3.3V is not provided to mainboard.
 VBATT is provided to mainboard, and is switch controlled.
 5V/VBATT powers local 3.3V_P.

Fuel Gauge



Sheet: /Power/
 File: power.kicad_sch

Title: SparkFun Portable Shield

Size: USLetter Date:
 KiCad E.D.A. 8.0.2

Rev:
 Id: 1/2