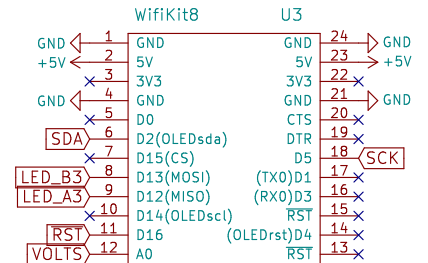
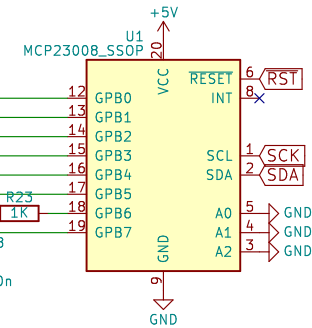
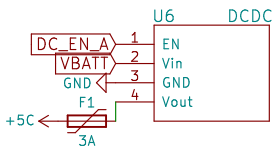


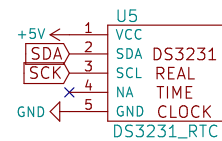
Sonar Array
 Sound time of flight to measure distance
 Approximately 5.8mS/meter, Set Trig HIGH
 ECHO follows HIGH, then LOW at detection.



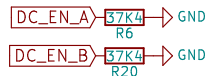
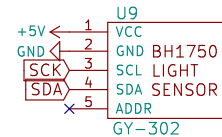
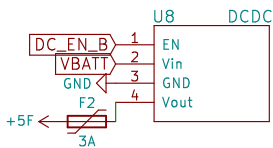
Switched +5V DCDC
 +5C Powers: LED string A
 +5F Powers: LED string B



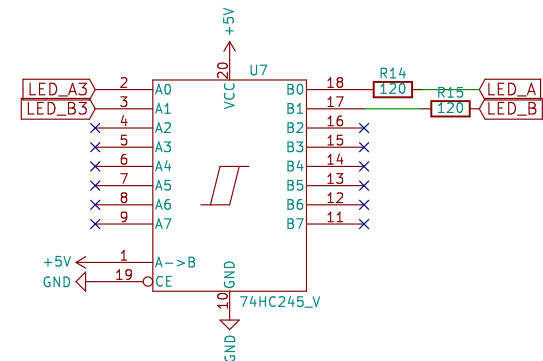
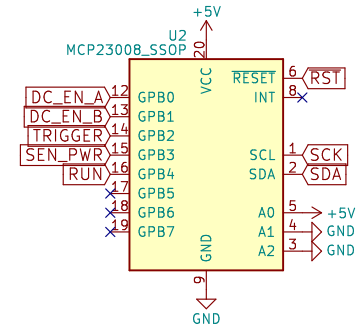
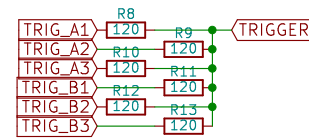
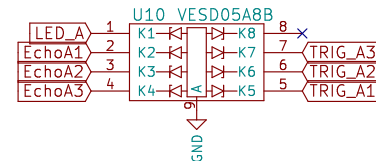
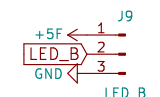
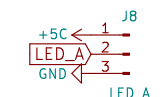
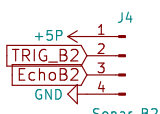
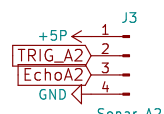
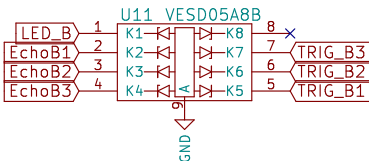
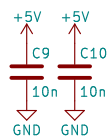
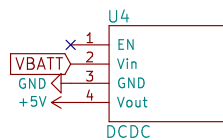
DS3231 RTC
 I2C Address: 0x68



BH1750 Ambient Light Sensor
 I2C Address: 0x23



Constant 5V DCDC
 Powers: Wifikit8,
 +5VP, OLED, RTC, ALS



Dual DC-DC 3A w/Shutdown
 6 Sensor Inputs
Lumina Lab PDX

Sheet: /
 File: DiscoPortoV2.sch

Title: Disco Porto Poty Lighting Controller

Size: A4 Date: 2019-08-26

KiCad E.D.A. kicad 4.0.7

Rev: 1.0

Id: 1/1