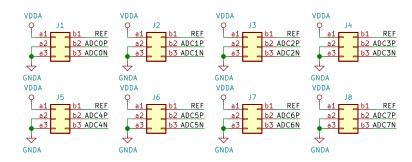
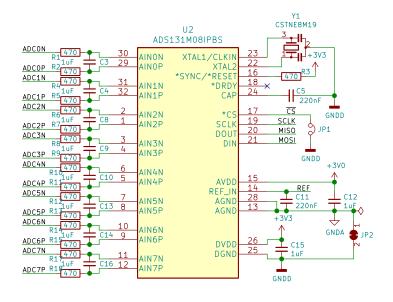
Photodiode Interface

24b ADC

MCU Interface

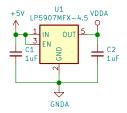


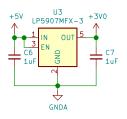


Conn_01x08 MOSI 6 GNDD

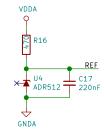
Analog 4.5V Source

Analog 3V Source





1.2V 7mA REF



Notes:
1. Analog ground and digital ground must be joined at the ADC and nowhere else. Layout on page 95.
2. Digital output value range for the ADC is detailed on page 33.

Chan Zuckerberg Biohub

Sheet: /

File: Luminometer_ADC.sch

| Title: Luminometer ADC | | |
|------------------------|-----------------------|----------|
| Size: A4 | Date: 2020-08-06 | Rev: A |
| KiCad F D A | kicad (5.1.5-0-10.14) | ld: 1 /1 |