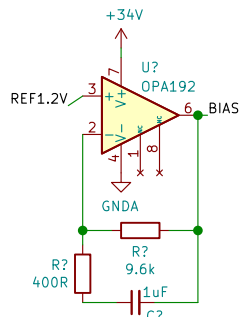
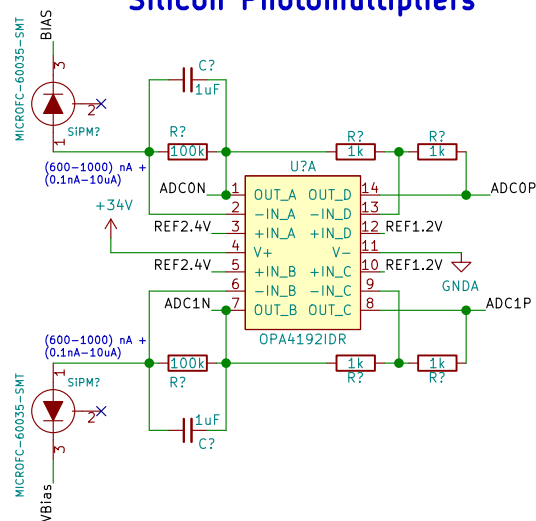


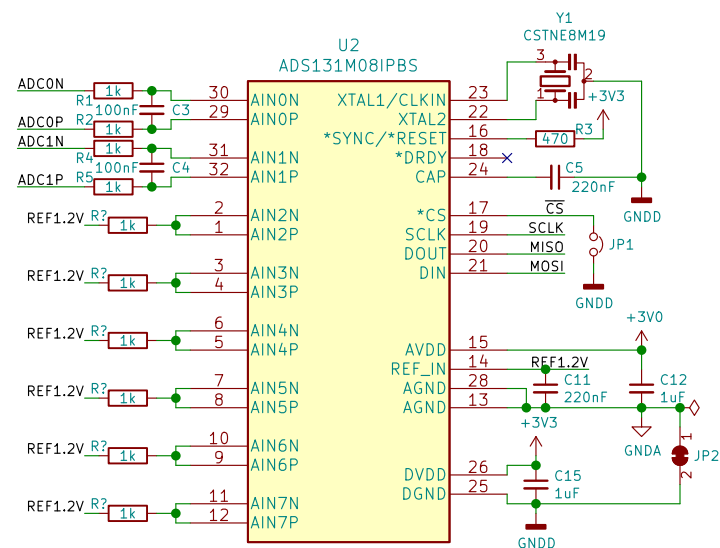
## Precision Bias source



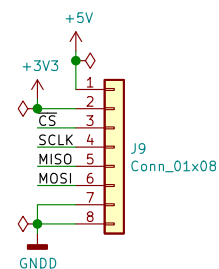
## Silicon Photomultipliers



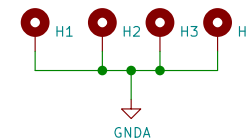
## 24b ADC



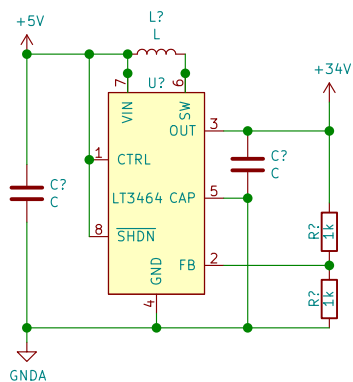
## MCU Interface



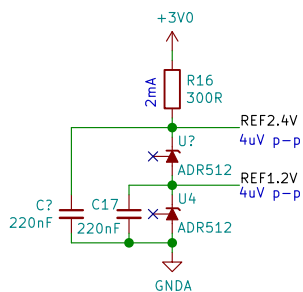
## Mounting holes



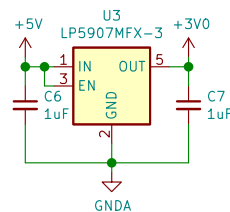
## 34V Boost converter (component values need selection)



## Analog voltage REFS



## Analog 3V Source



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.

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Sheet: /

File: Luminometer\_ADC.sch

Title: Luminometer ADC

Size: A4 Date: 2020-08-06

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