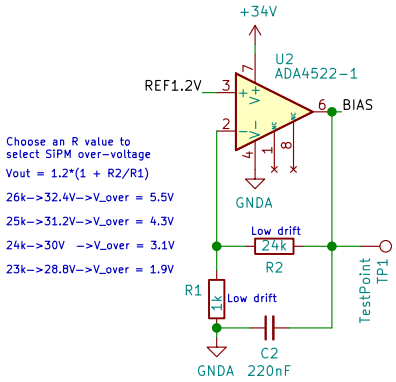
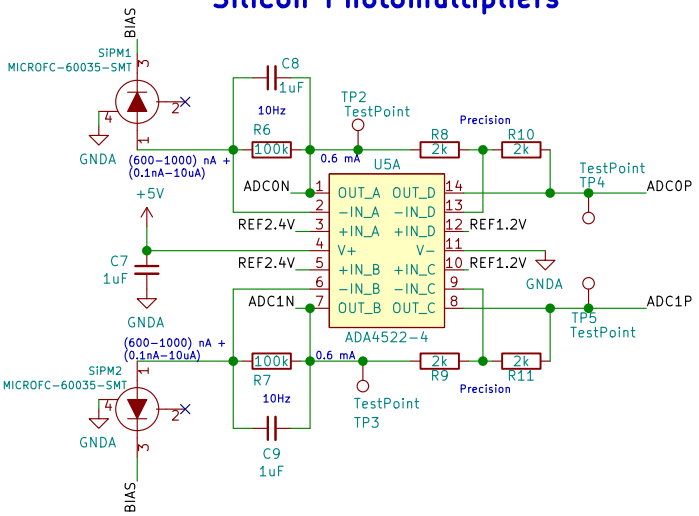
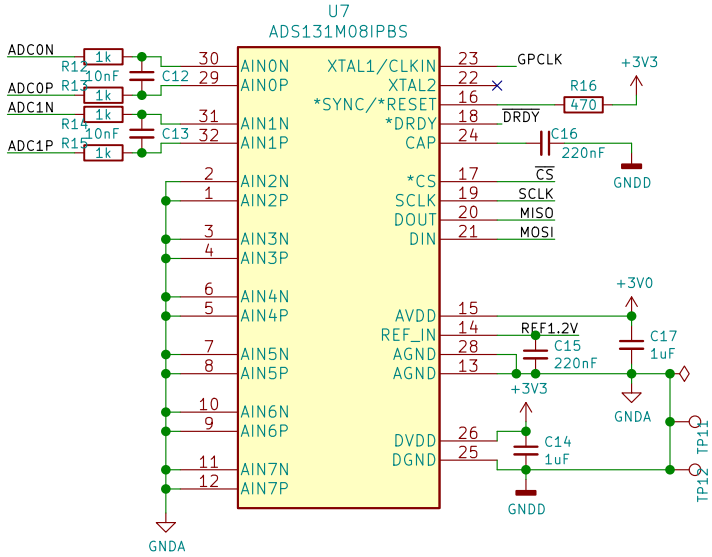
Precision Bias source



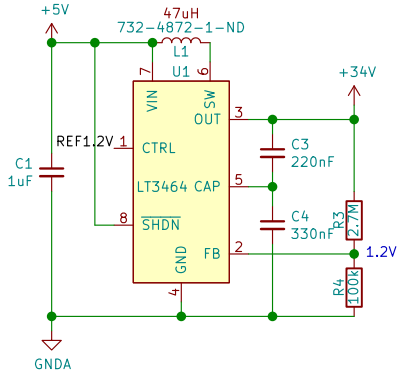
Silicon Photomultipliers



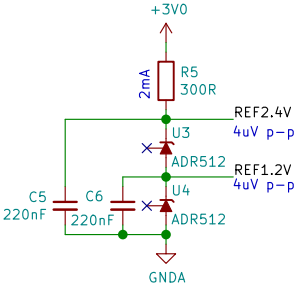
24b ADC



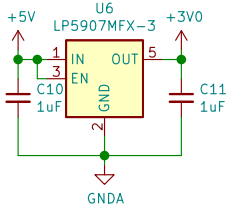
34V Boost converter



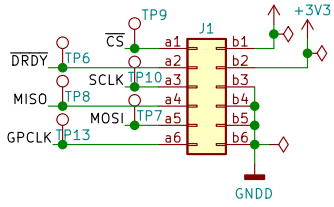
Analog voltage REFS



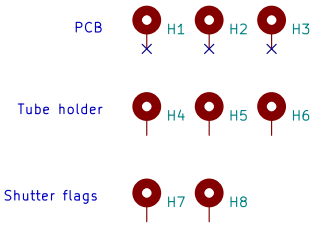
Analog 3V Source



MCU Interface



Mounting holes



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	**Rev: A**
KiCad E.D.A. kicad (5.1.5-0)		Id: 1/1