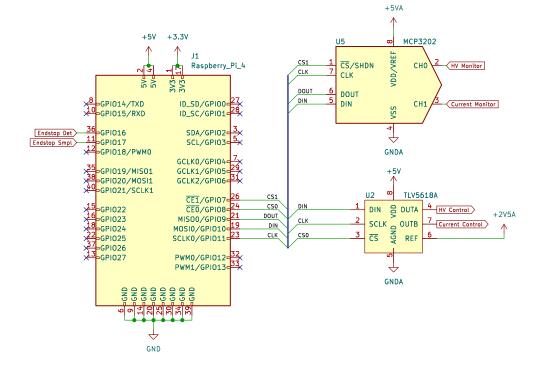
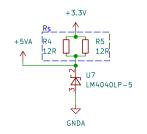
X-MAGIX Peripheral Circuitry

RPi 4 GPIO



ADC 5V Ref

 $Rs = (Vs-VR)/(I_L + I_Q) \approx 6R$

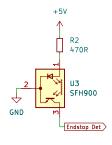


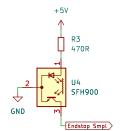
+3.3V +2V5A R1 4k7

GNDA

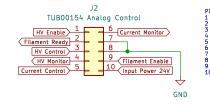
DAC 2.5V Ref

Endstops





X-Ray Source I/O



GND GNDA

GNDing

!!WIP!! by Dennis Hunter **Hochschule RheinMain**

Sheet: /

File: raspberry.kicad sch

Title: X-MAGIX Peripheral Circuitry

	Size: A4	Date: 2023-09-06		Rev: 0
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