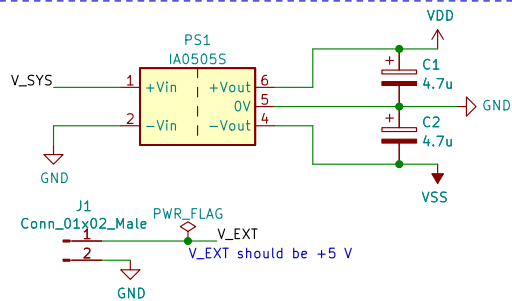


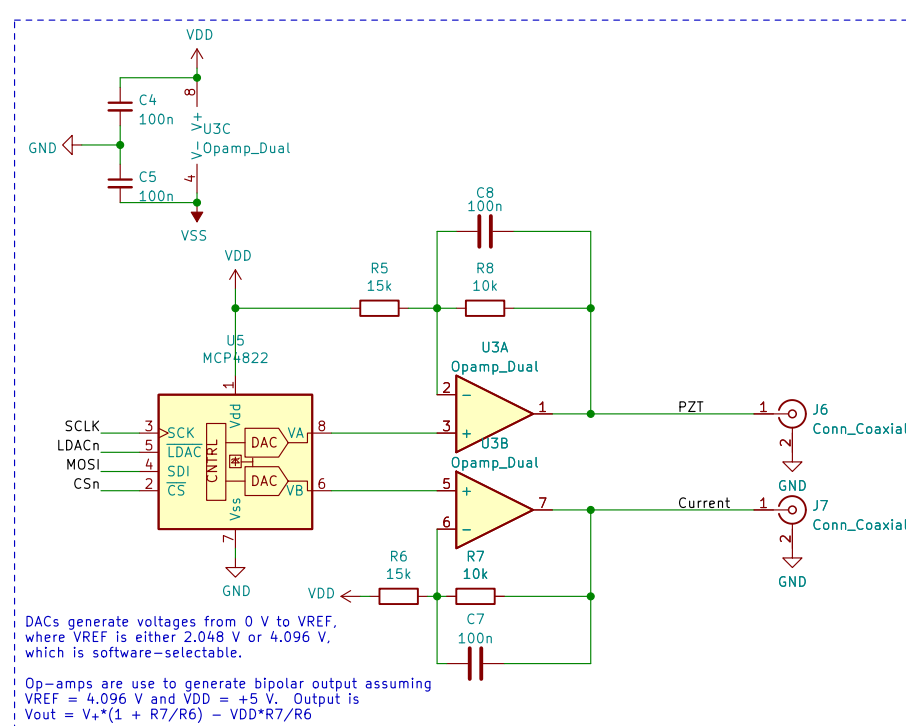
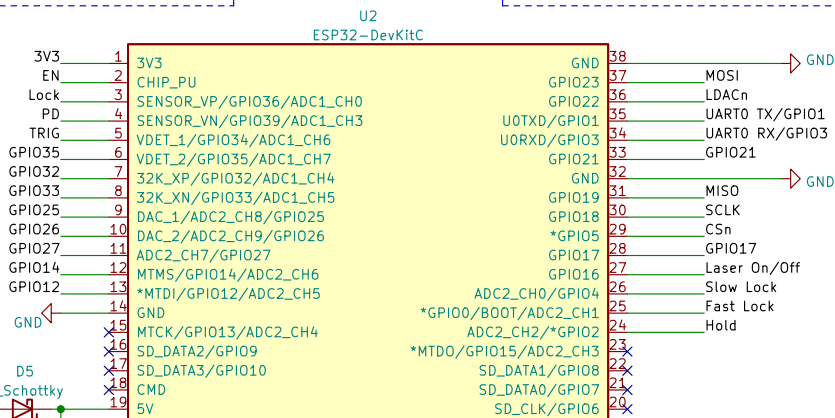
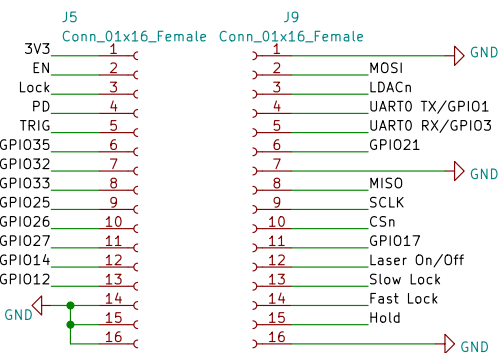
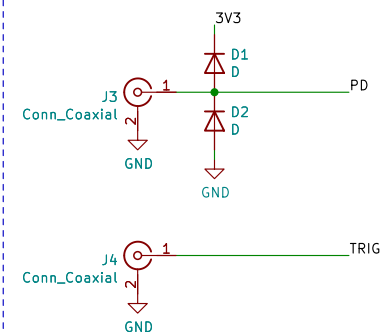
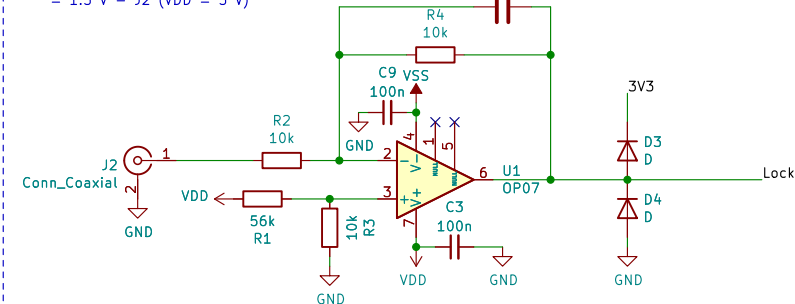
Power
V_{SYS} is nominally +5 V
PS generates +/- 5 V
PS can handle 4.5 - 5.5 V.
Needs a minimum current of
10 mA to meet output
specifications, but lower
loads will not cause
damage



Input signals

$$\text{Lock} = \text{VDD} \cdot (1 + R4/R2) / (1 + R1/R3) - J2 \cdot R4/R2$$

$$= 1.5 \text{ V} - J2 (\text{VDD} = 5 \text{ V})$$



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File: moglabs-remote-locking-board.kicad_sch

Title:

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KiCad E.D.A. kicad 6.0.10-86aedd382b-118-ubuntu20.04.1

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