

**BOT-HOVEN Control PCB Version 1**  
*AS-BUILT*

Drawn: Jascha Petersen

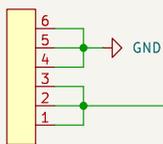
Sheet: /  
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**Title: Control PCB Main**

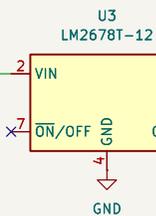
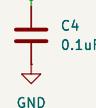
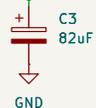
Size: A4	Date:	Rev:
KiCad E.D.A. 9.0.0		Id: 1/4

SCREW TERMINALS TO MEANWELL  
LRS-350-24 POWER SUPPLY

J5  
8PCV-06-006



+24V



C2  
0.01uF

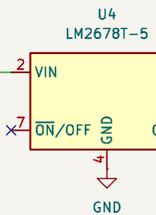
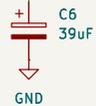
L1  
33uH



+12V RAIL

12VOUT

+24V RAIL



C7  
0.01uF

L2  
15uH



+5V RAIL

5VOUT

## BOT-HOVEN Control PCB Version 1

AS-BUILT

Drawn: Jascha Petersen

Sheet: /Power Supply/  
File: psu.kicad\_sch

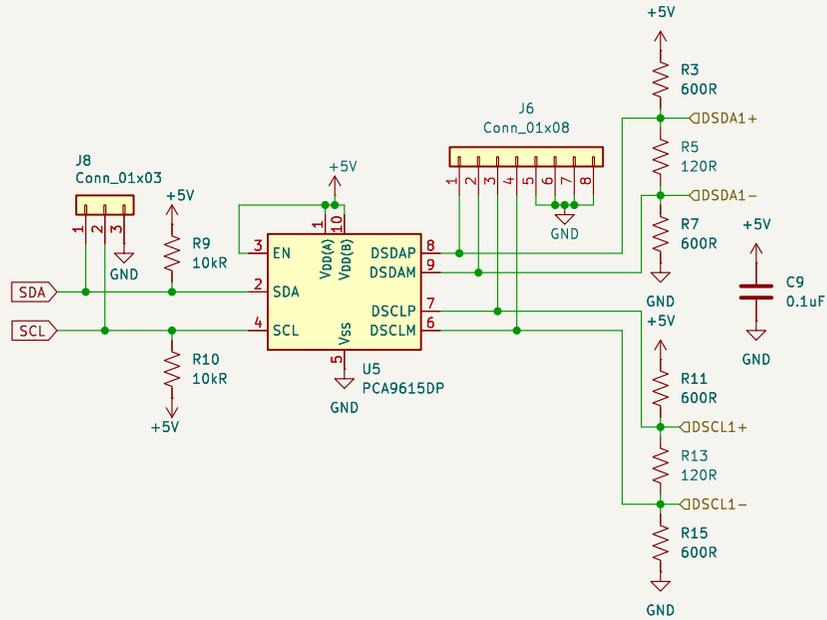
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Size: A4  
KiCad E.D.A. 9.0.0

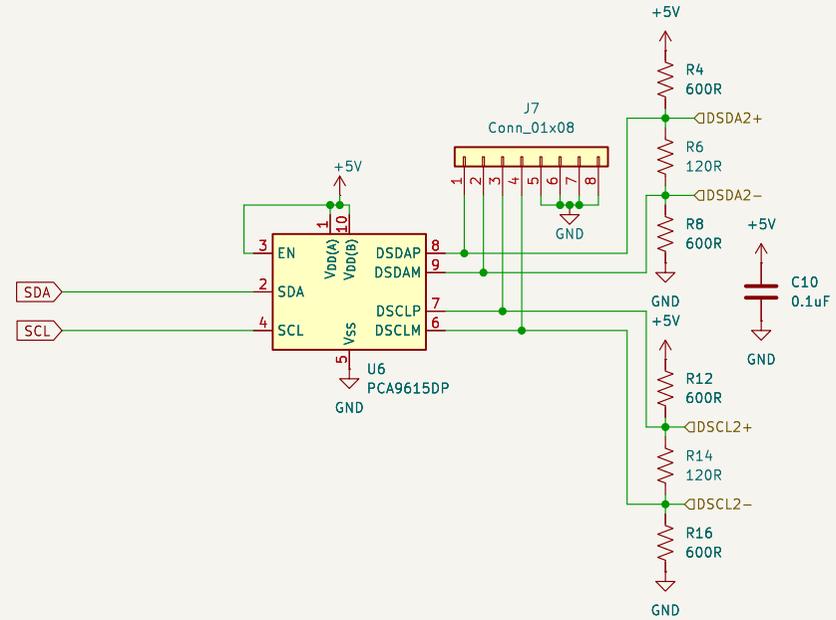
Date:

Rev:  
Id: 2/4

LEFT HAND  
I2C TRANSCEIVER



RIGHT HAND  
I2C TRANSCEIVER



**BOT-HOVEN Control PCB Version 1**  
AS-BUILT

Drawn: Jascha Petersen

Sheet: /Differential I2C/

File: diff\_i2c.kicad\_sch

**Title: Control PCB Differential I2C**

Size: A4

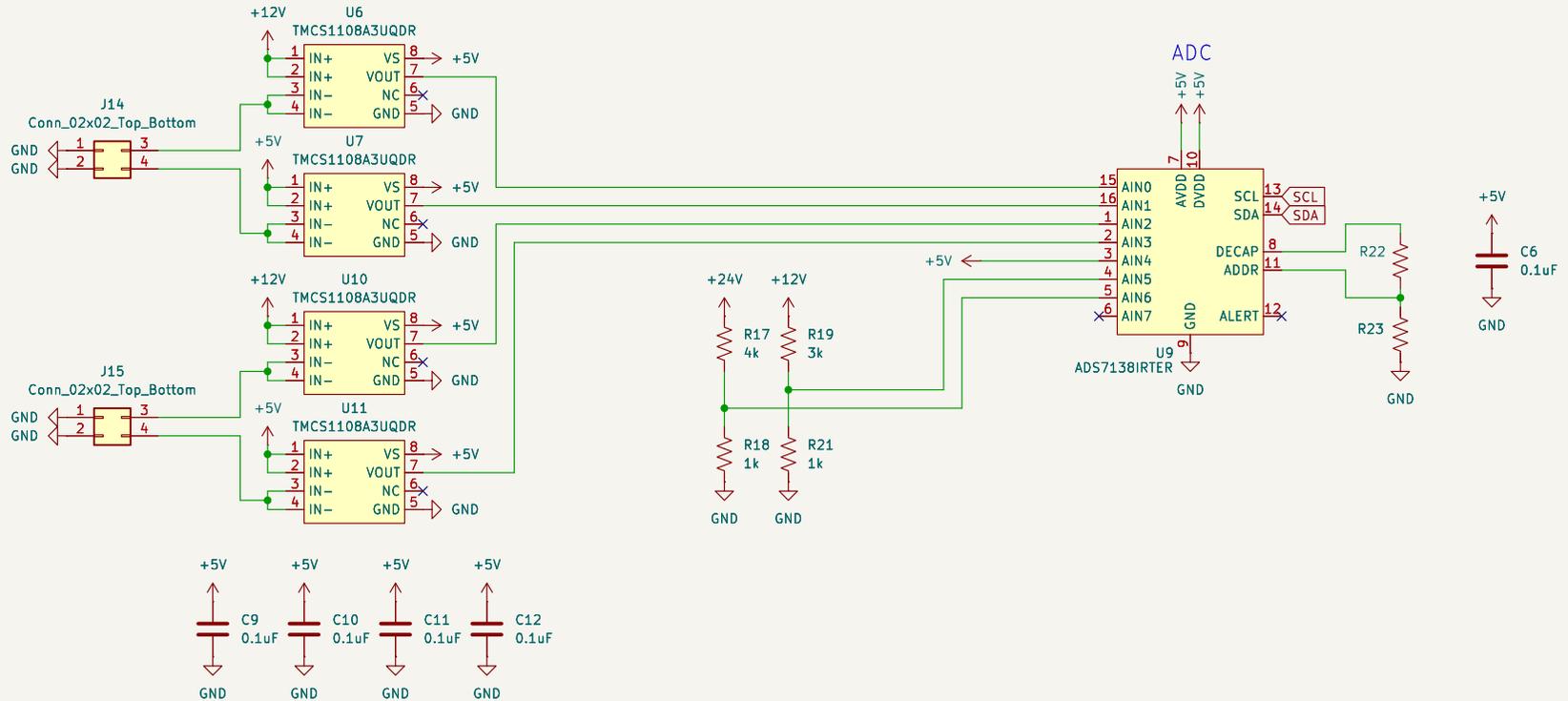
Date:

Rev:

KiCad E.D.A. 9.0.0

Id: 3/4

### CURRENT SENSING



## BOT-HOVEN Control PCB Version 2

Drawn: Jascha Petersen

Sheet: /Current Sensing/  
File: current\_sensing.kicad\_sch

### Title:

Size: A4  
KiCad E.D.A. 9.0.0

Date:

Rev:  
Id: 4/4