

Drawn: Jascha Petersen

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

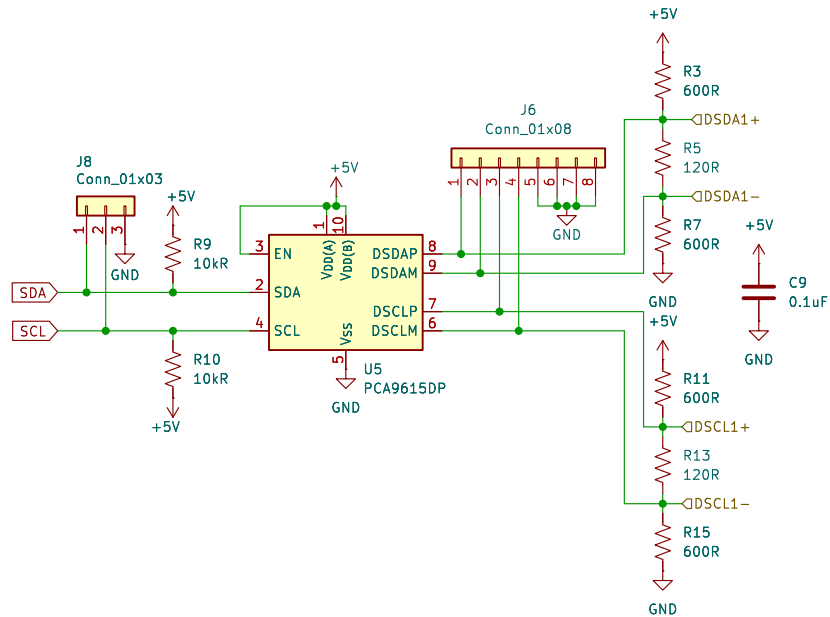
**Title: Control PCB PSU**

Size: A4	Date:
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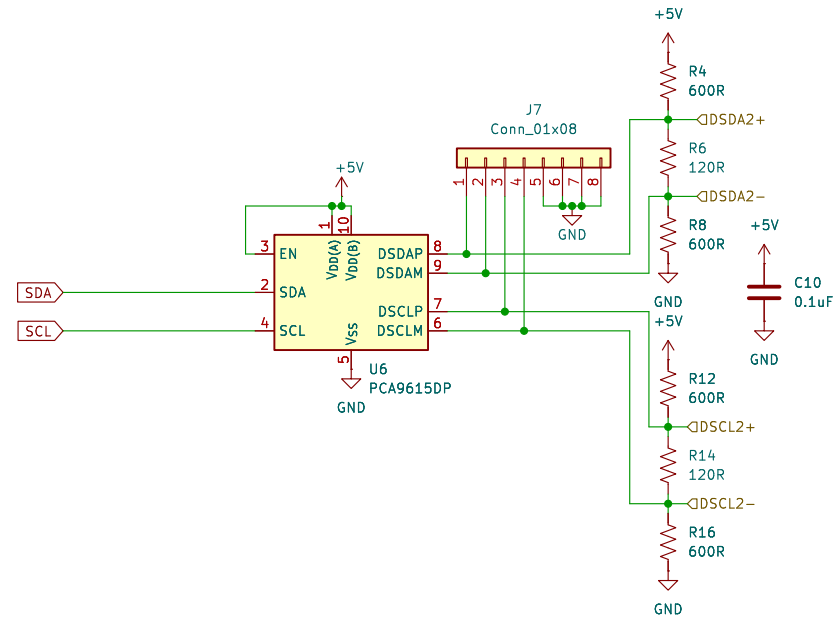
KiCad E.D.A. 8.0.4

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

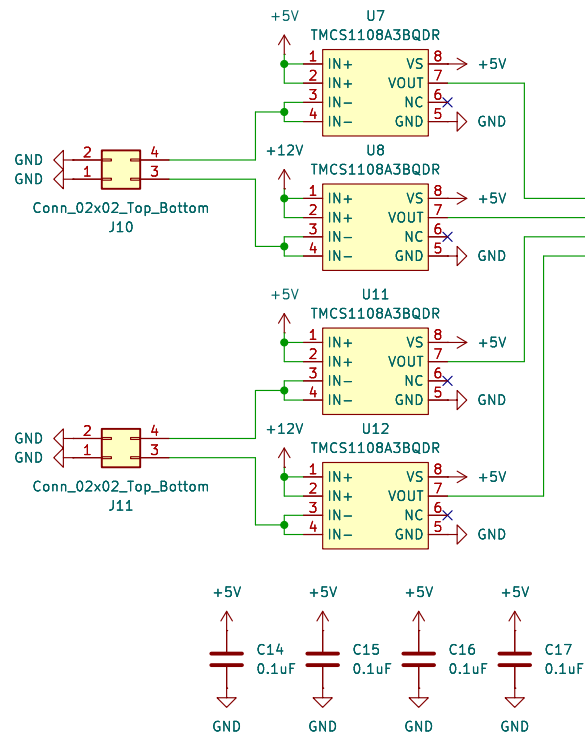
Date:

KiCad E.D.A. 8.0.4

Rev:

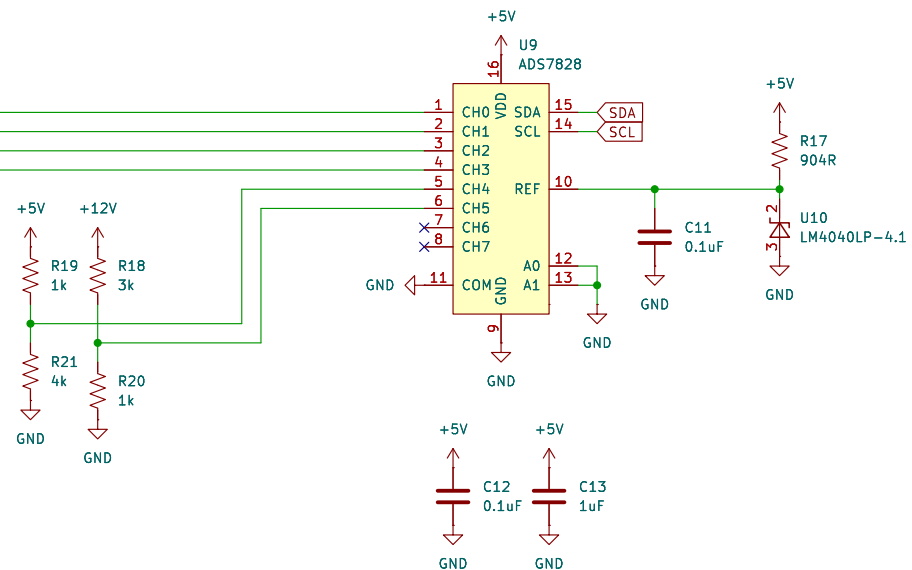
Id: 3/4

## CURRENT SENSING



NOTE: TMCS1108A3UQDR USED IN MANUFACTURED MODEL. ONLY DIFFERENCE IS 0-AMP BIAS VOLTAGE. SEE DATASHEET

## ADC AND VOLTAGE SENSING



## BOT-HOVEN Control PCB Version 1

AS-BUILT

Drawn: Jascha Petersen

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

**Title: Control PCB Current Sensing**

Size: A4  
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Date:

Rev:

Id: 4/4