

Sheet: /MCU/
File: mcu.kicad_sch

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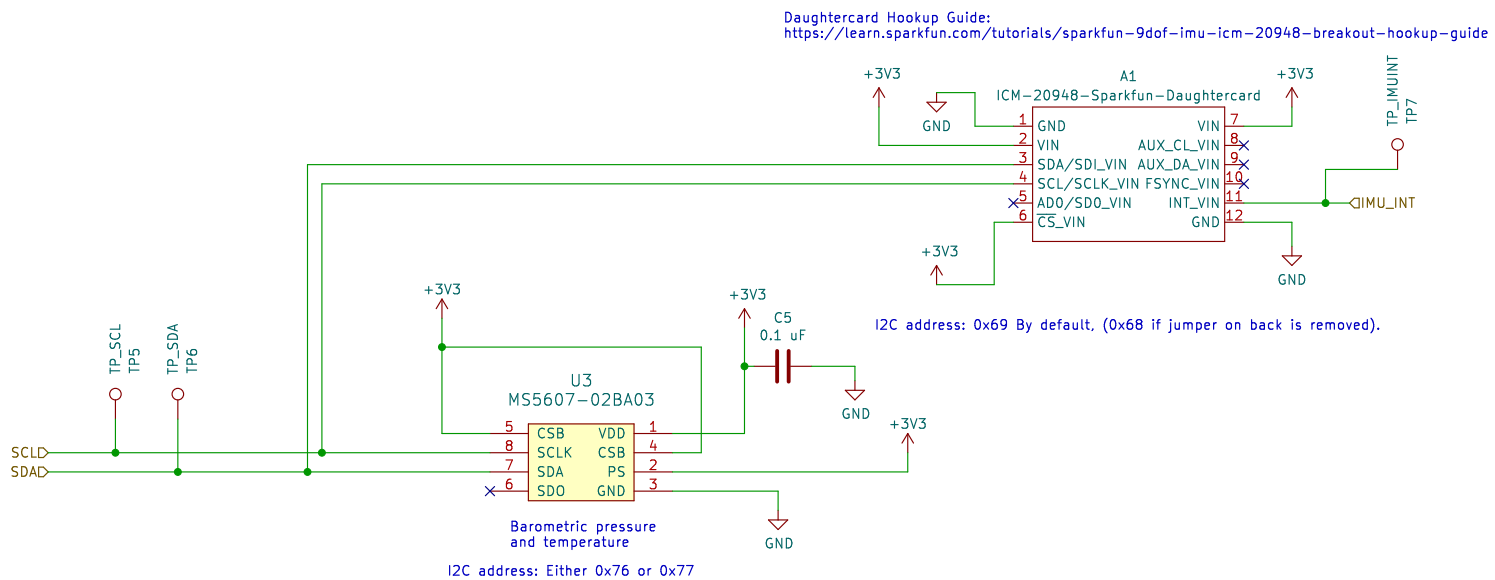
Size: A4

Date:

KiCad E.D.A. kicad (6.0.1)

Rev:

Id: 2/5



Sheet: /Digital Sensor Suite/
 File: digital_sense.kicad_sch

Title:

Size: A4

Date:

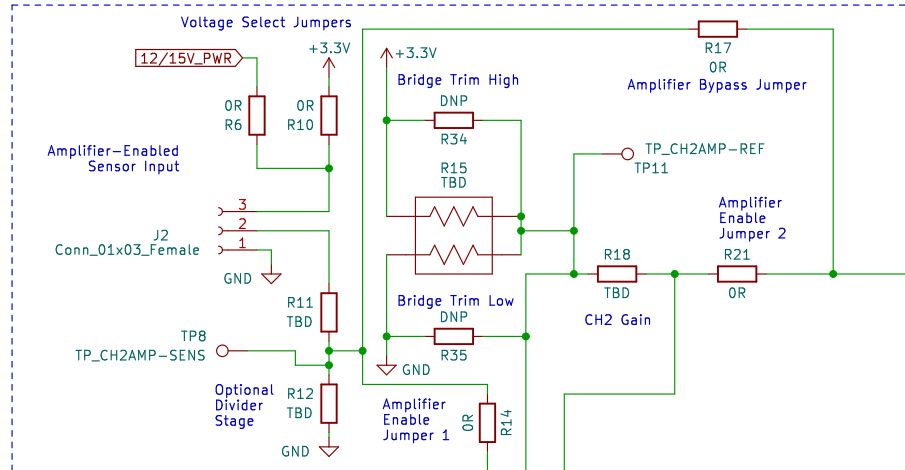
KiCad E.D.A. kicad (6.0.1)

Rev:

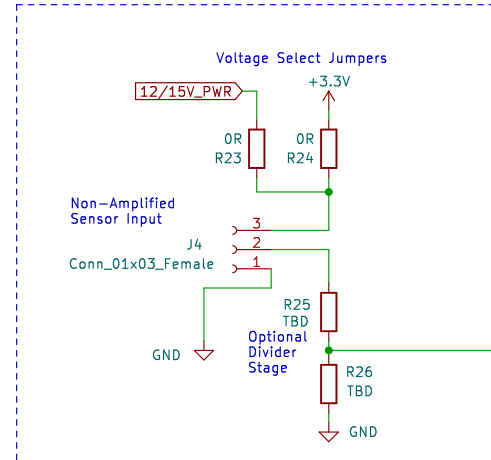
Id: 3/5

PTs to be used with 15/12V, thermistors to be used with 3.3V
 Reference Application Note for wheatstone bridges: https://www.ti.com/lit/an/sboa323a/sboa323a.pdf?ts=1668083218662&ref_url=https%253A%252F%252Fwww.google.com%252F
 All TBD Values to be determined once exact sensing requirements of the board's application are determined

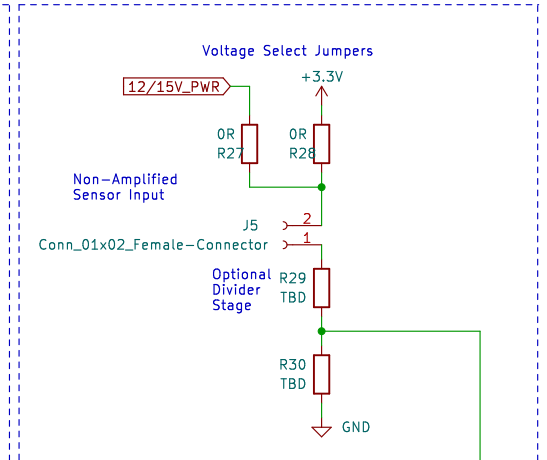
Wheatstone Bridge Circuit #2 (Sensor 2) with 3-pin connector



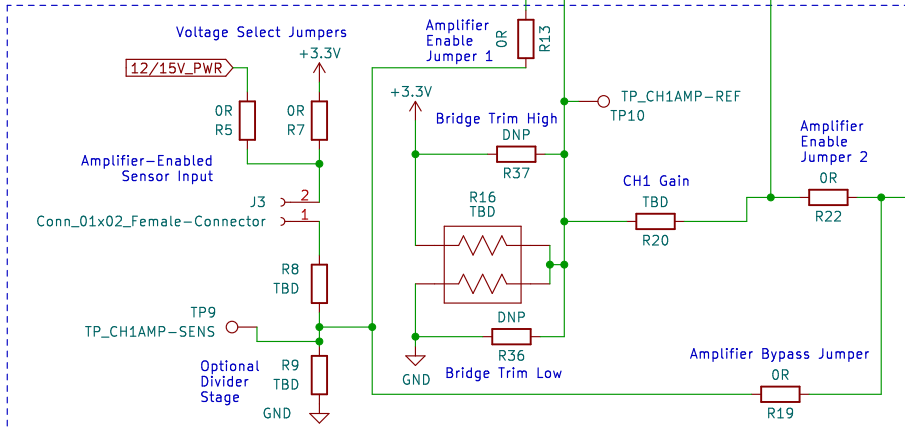
Non-Amplified Sensor Input 1 (sensor 3) with 3-pin connector



Non-Amplified Sensor Input 2 (sensor 4)



Wheatstone Bridge Circuit #1 (sensor 1)



Sheet: /Analog Sensors/
 File: analog.kicad_sch

Title:

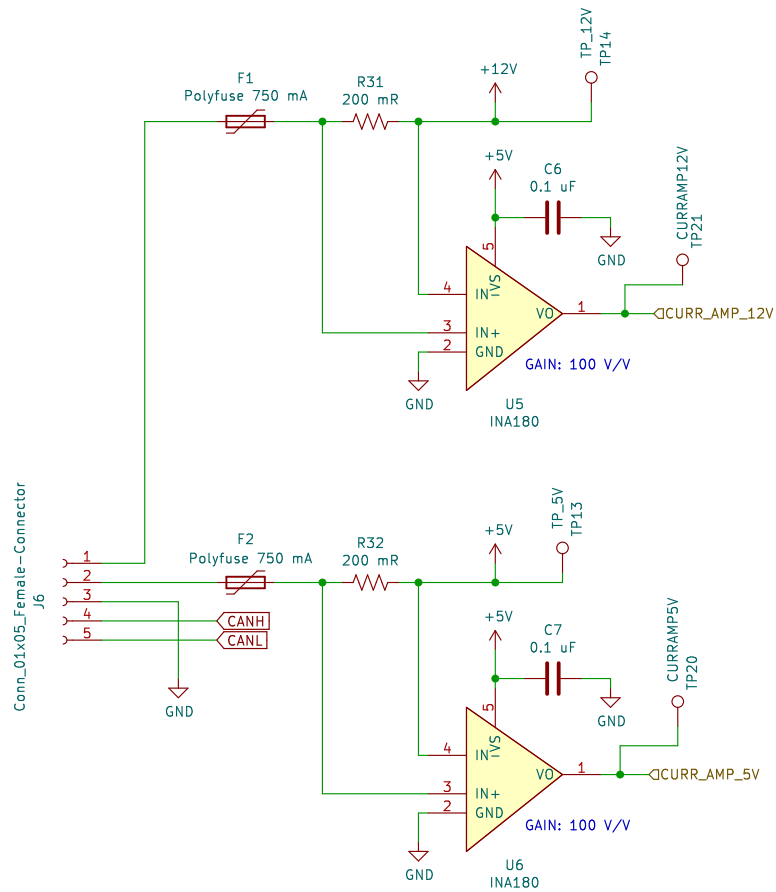
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Date:

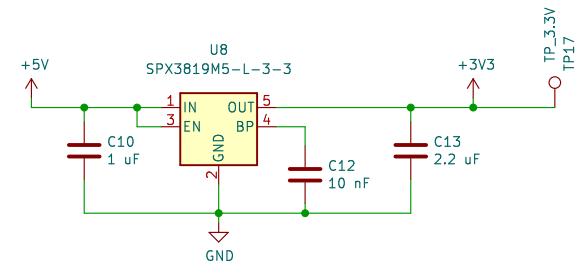
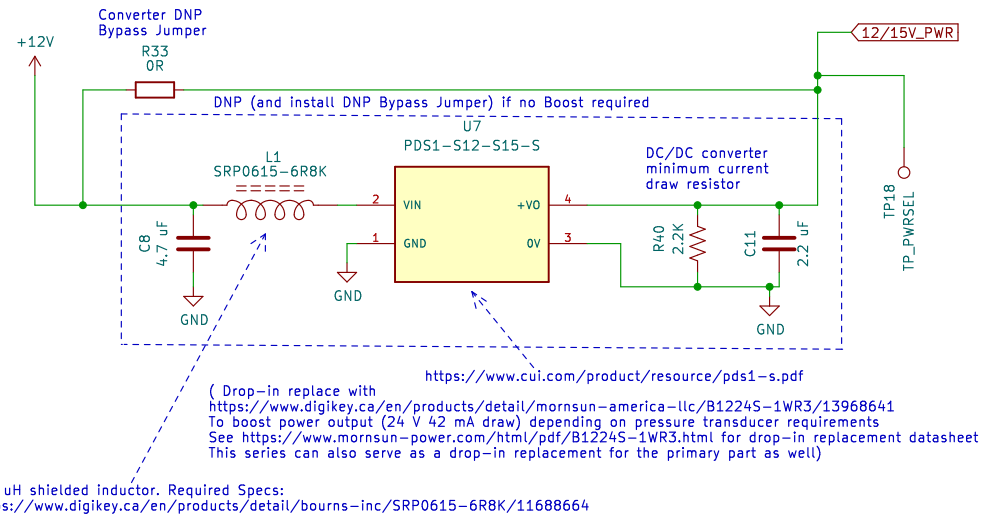
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Rev:

Id: 4/5



12→15 (or higher) DC/DC Converter



Sheet: /Power/
File: power.kicad_sch

Title:

Size: A4
KiCad E.D.A. kicad (6.0.1)

Date:

Rev:
Id: 5/5