

U. Lukas

Sheet: /

File: picalor\_pcb.kicad\_sch

**Title: Flow Calorimeter - 14-Channel PT1000 Sensor Version**

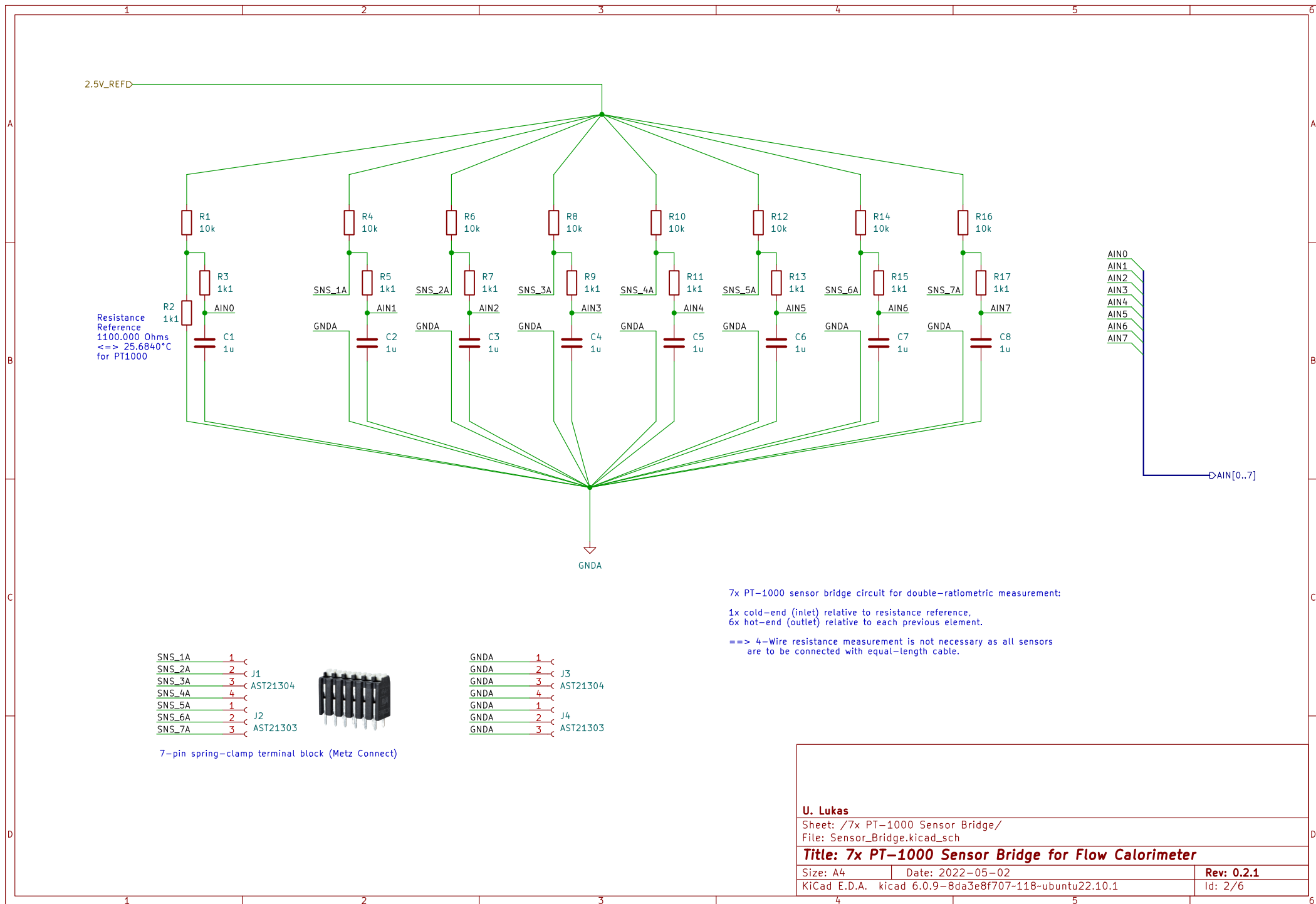
Size: A4

Date: 2022-05-02

Rev: 0.2.1

KiCad E.D.A. kicad 6.0.9-8da3e8f707-118-ubuntu22.10.1

Id: 1/6



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Sheet: /7x PT-1000 Sensor Bridge/

File: Sensor\_Bridge.kicad\_sch

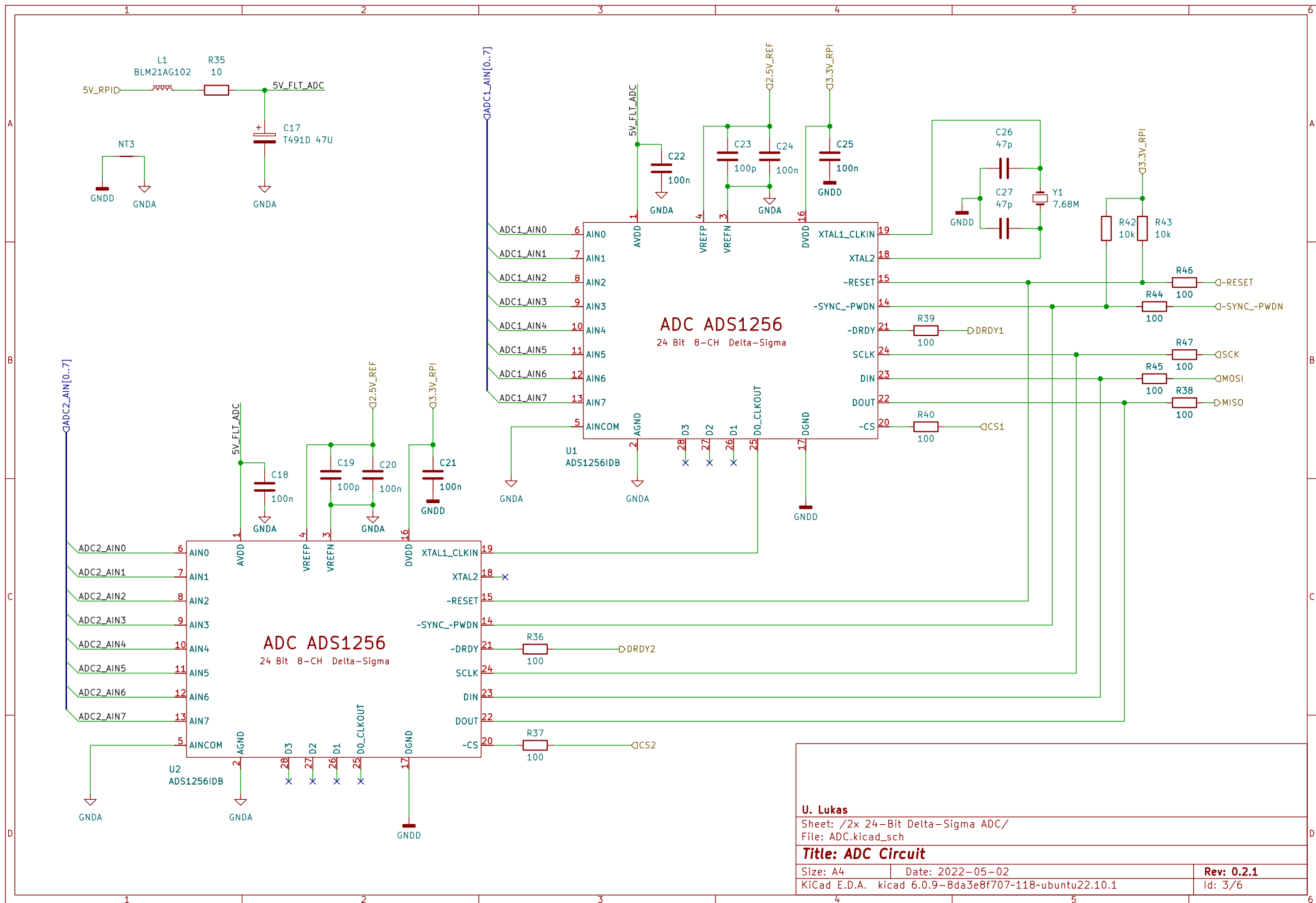
**Title: 7x PT-1000 Sensor Bridge for Flow Calorimeter**

Size: A4 Date: 2022-05-02

Rev: 0.2.1

KiCad E.D.A. kicad 6.0.9-8da3e8f707-118-ubuntu22.10.1

Id: 2/6



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Sheet: /2x 24-Bit Delta-Sigma ADC/

File: ADC.kicad\_sch

# Title: ADC Circuit

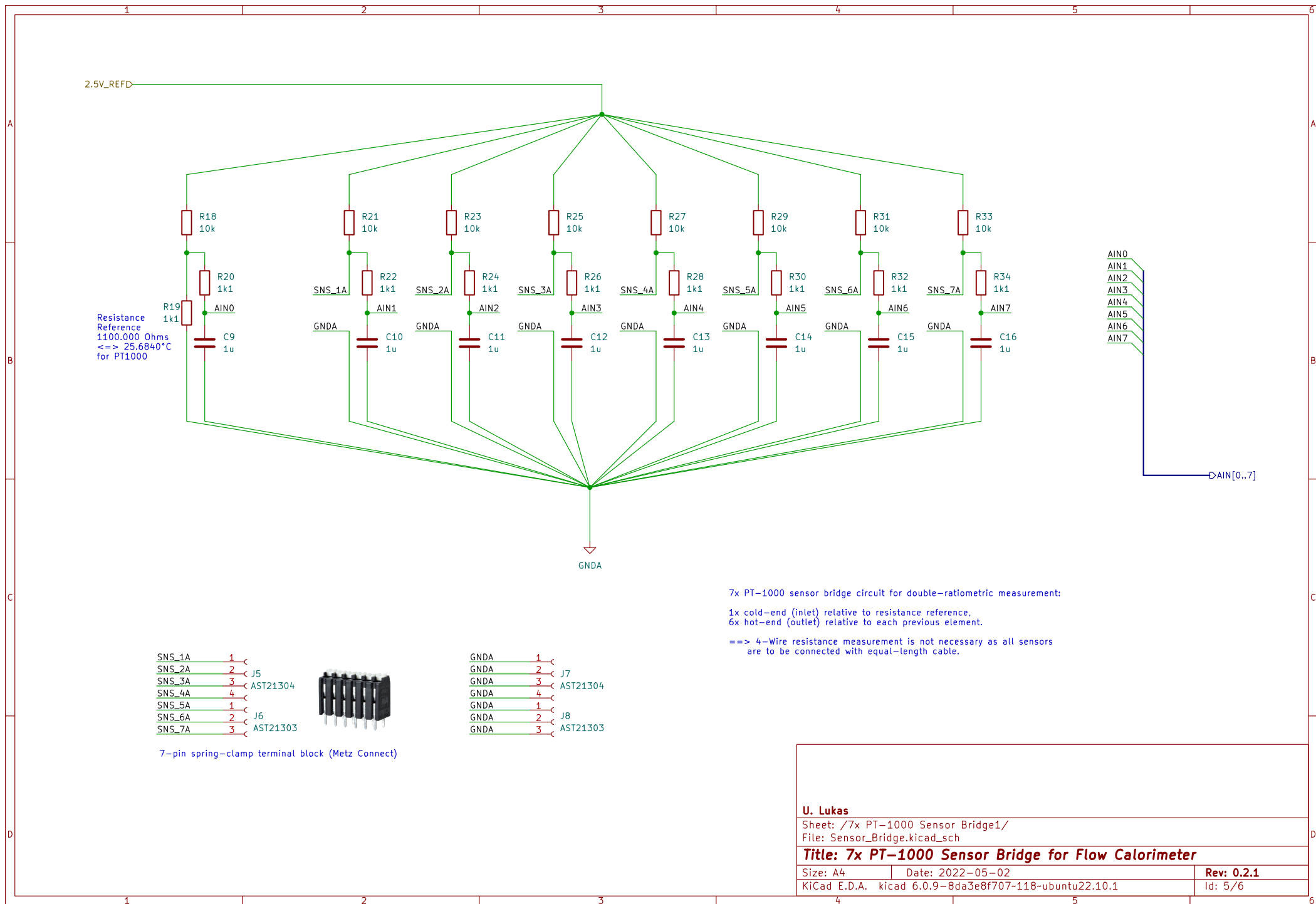
Size: A4 Date: 2022-05-02

KiCad E.D.A. kicad 6.0.9-8da3e8f707-118-ubuntu22.10.1

Rev: 0.2.1

Id: 3/6





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Sheet: /7x PT-1000 Sensor Bridge1/

File: Sensor\_Bridge.kicad\_sch

**Title: 7x PT-1000 Sensor Bridge for Flow Calorimeter**

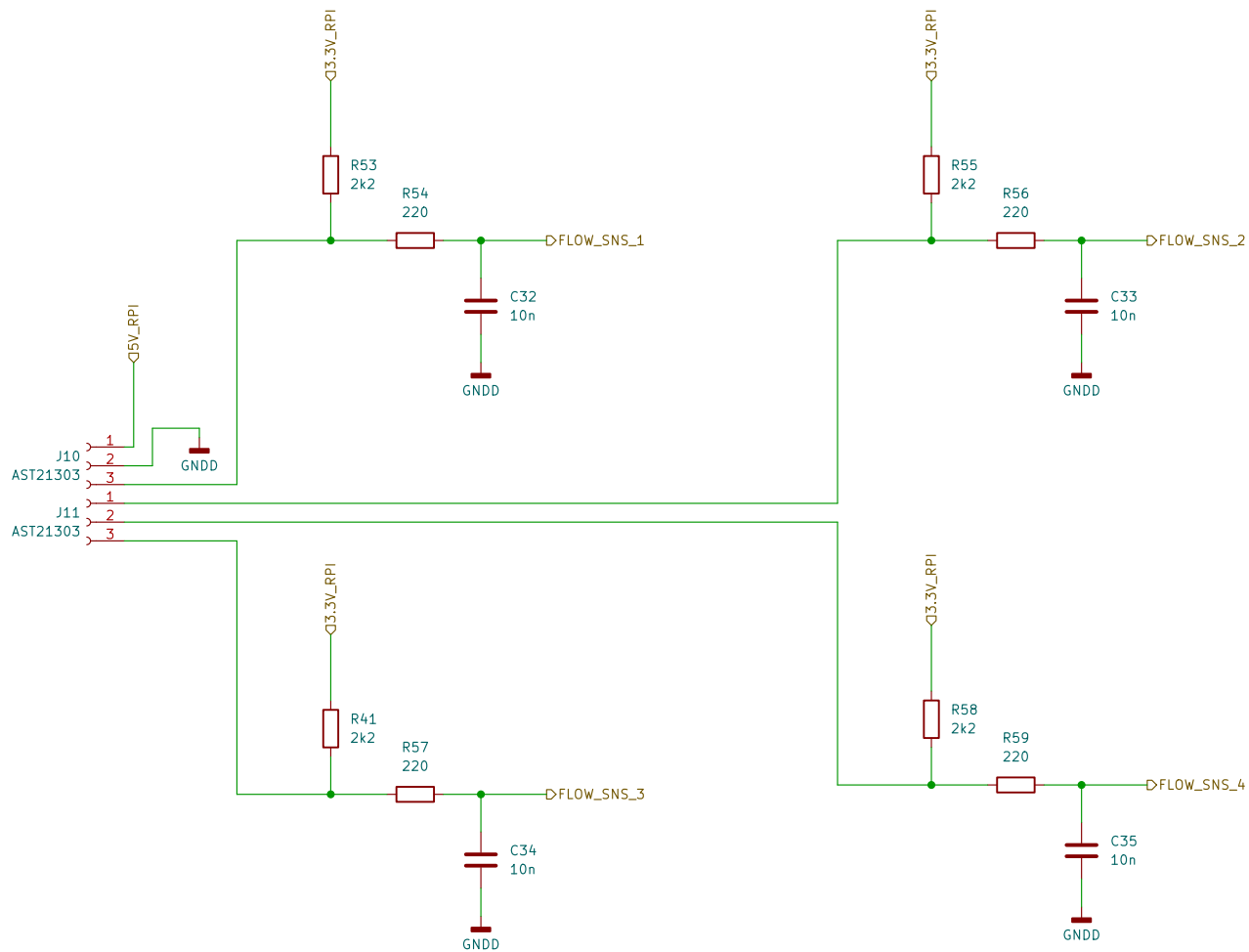
Size: A4 Date: 2022-05-02

Rev: 0.2.1

KiCad E.D.A. kicad 6.0.9-8da3e8f707-118-ubuntu22.10.1

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4x Flow Sensor  
6800 or 8500 imp/liter  
5V Supply  
NPN Open Collector  
  
Mfg.: BT Flowmeter  
Series: FCH-m-POM  
Art.-Nr: 9747835



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Sheet: /Flow Sensors/  
File: flow\_sensors.kicad\_sch

**Title: Flow Sensor Circuit**

Size: A4 Date: 2022-05-02  
KiCad E.D.A. kicad 6.0.9-8da3e8f707-118-ubuntu22.10.1

Rev: 0.2.1  
Id: 6/6