

Designers: Krzysztof Grajek, Wojtek Kotodziej

Sheet: /
File: main.kicad_sch

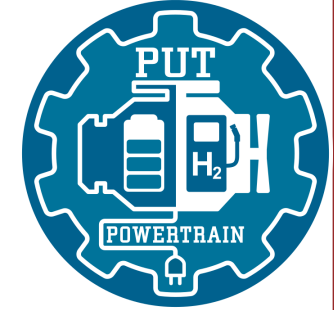
Title: POWERBoat Schematic

Size: A4 Date: 2025-01-09

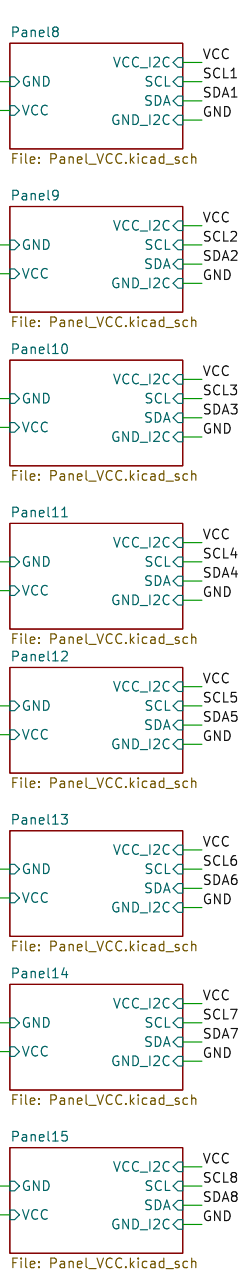
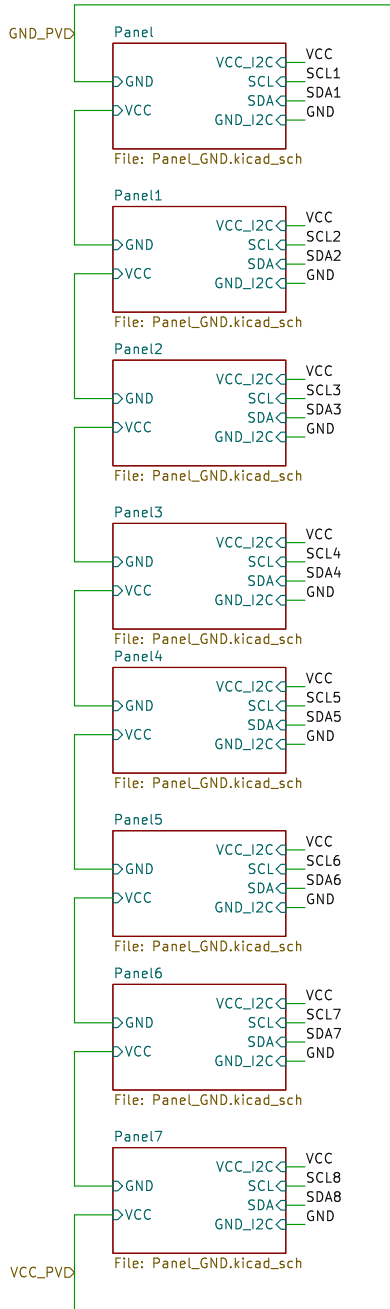
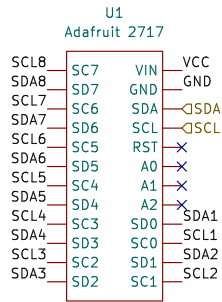
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VCC_MCUD VCC
GND_MCUD GND Added to add more flexibility



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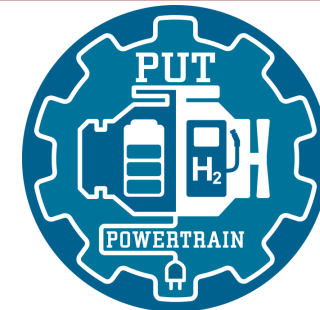
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File: panels.kicad_sch

Title: Panels schematic

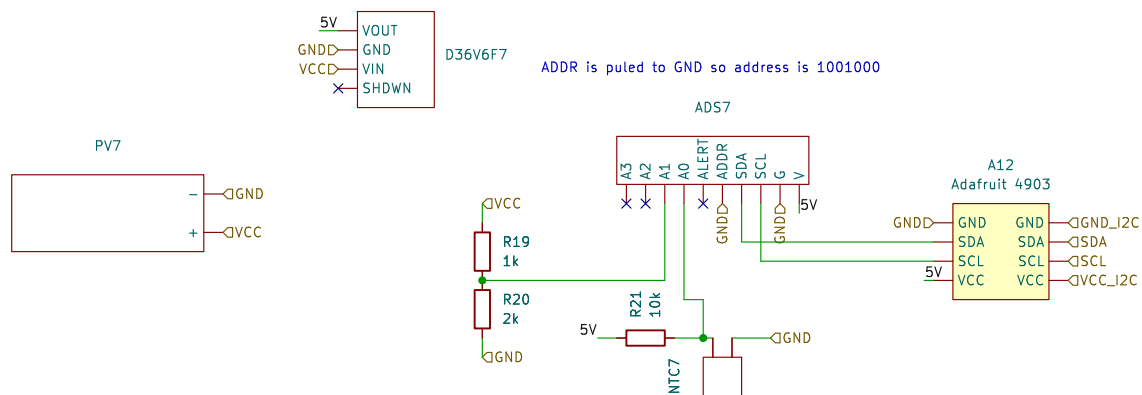
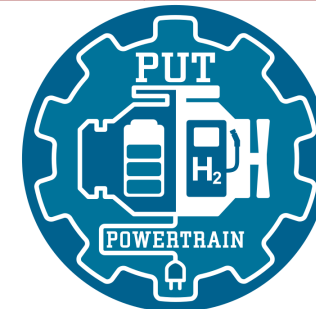
Size: A4 Date: 2025-01-09

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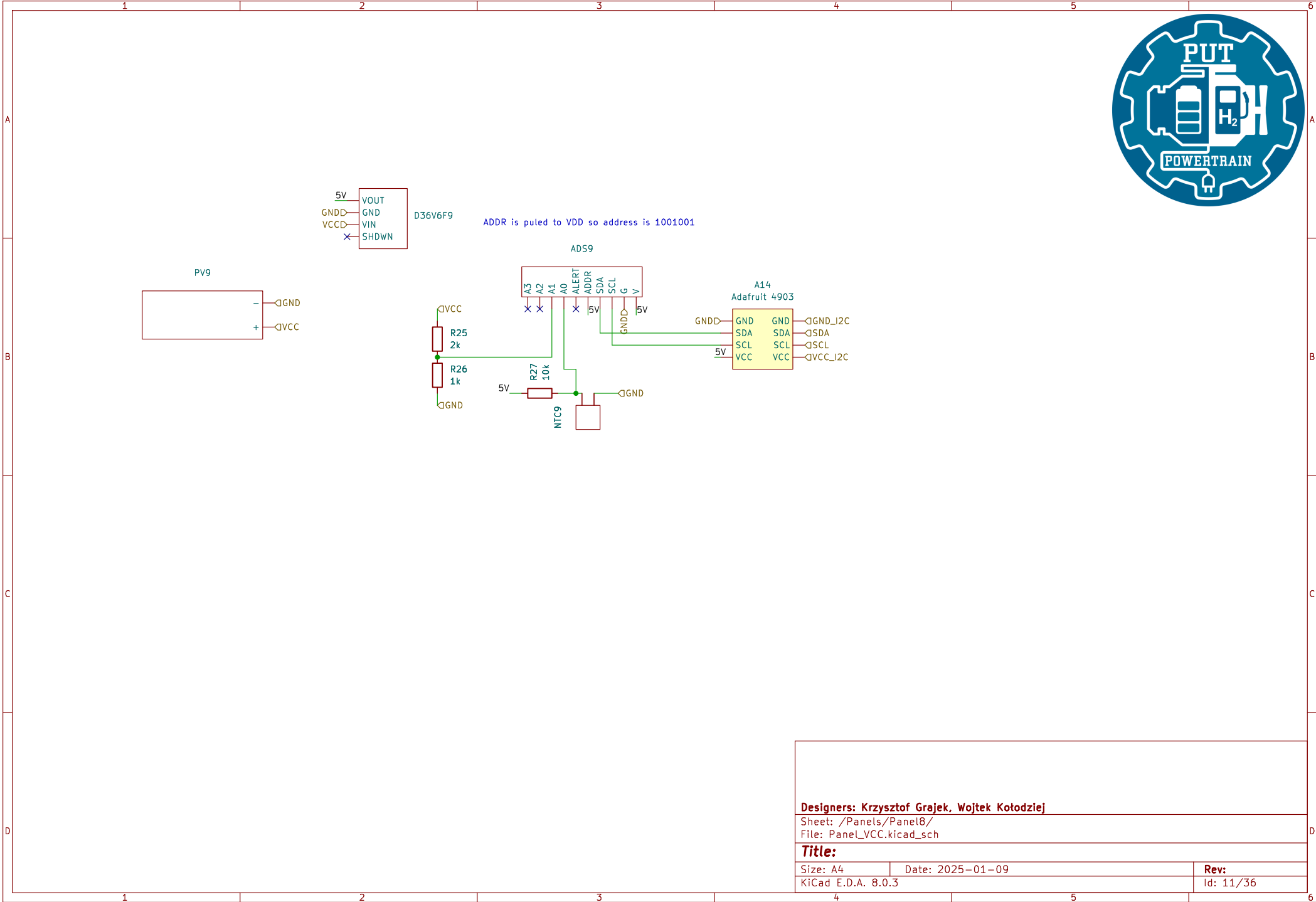
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File: Panel_GND.kicad_sch

Title:

Size: A4
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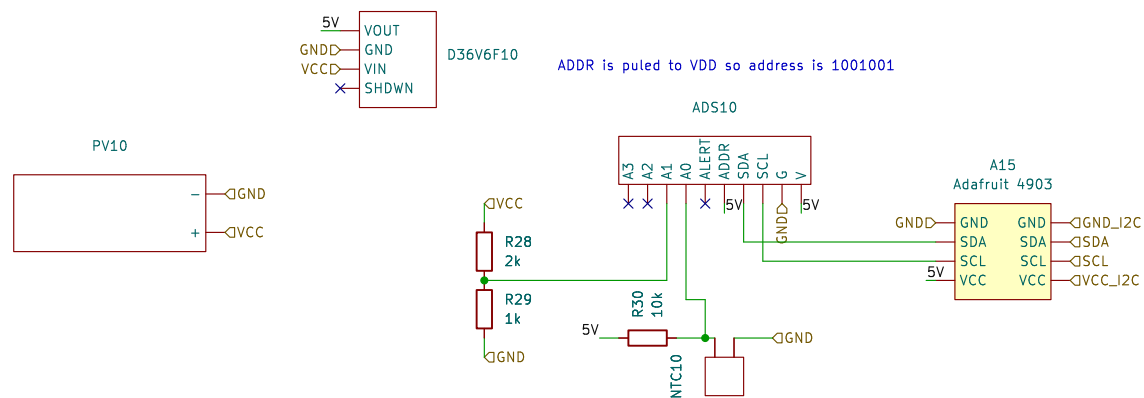
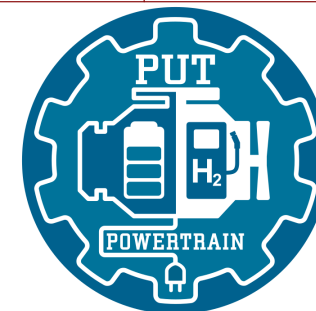


Sheet: /Panels/Panel8/
File: Panel_VCC.kicad_sch

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Designers: Krzysztof Grajek, Wojtek Kotodziej

Sheet: /Panels/Panel9/
File: Panel_VCC.kicad_sch

Title:

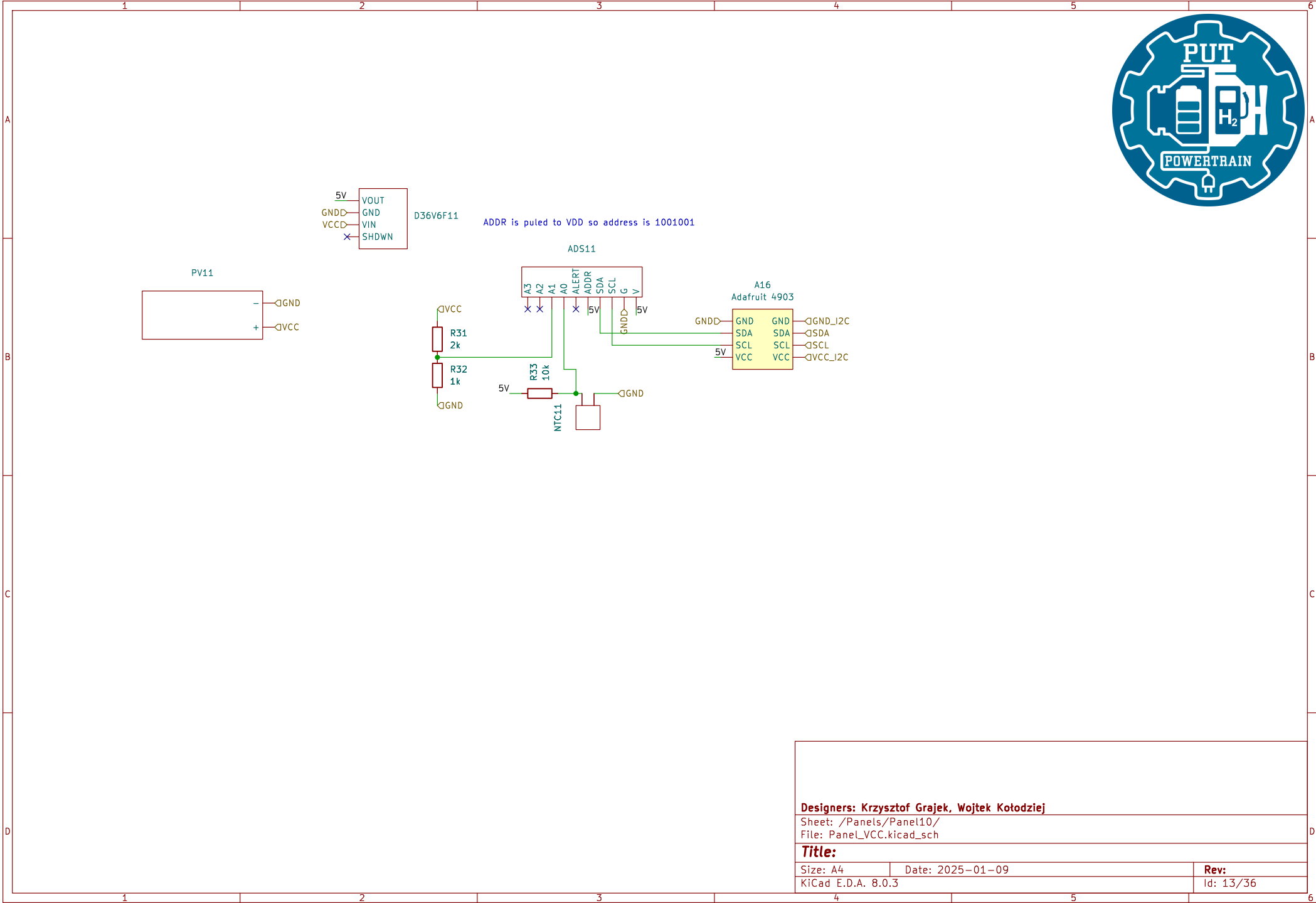
Size: A4

Date: 2025-01-09

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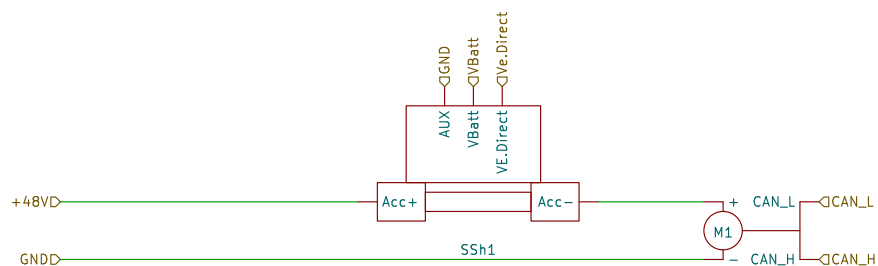
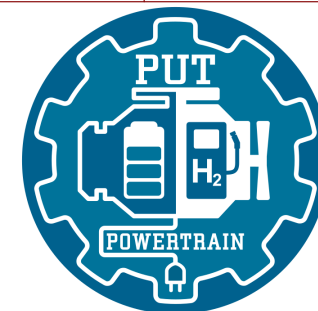


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Size: A4	Date: 2025-01-09	Rev:
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Designers: Krzysztof Grajek, Wojtek Kotodziej

Sheet: /Main motor/
File: Main_Motor.kicad_sch

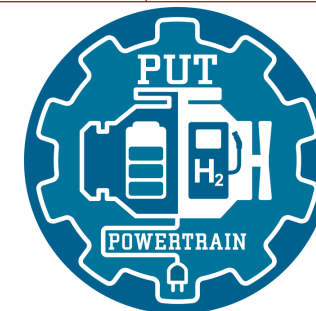
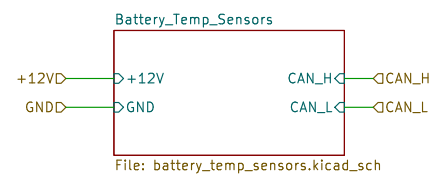
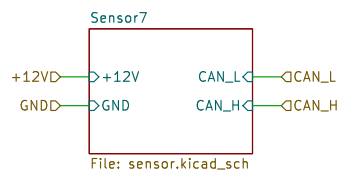
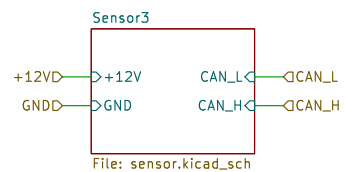
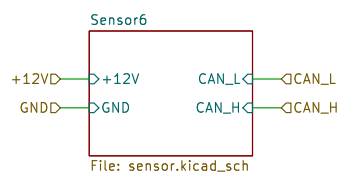
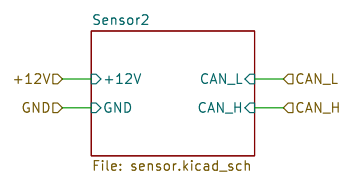
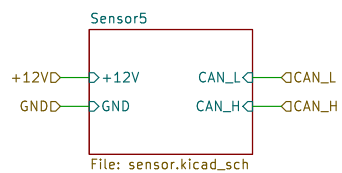
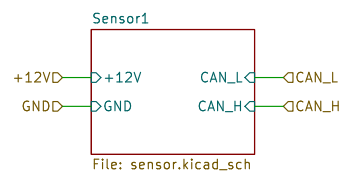
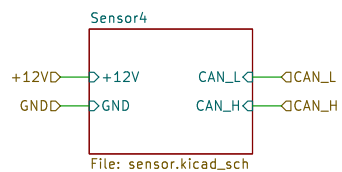
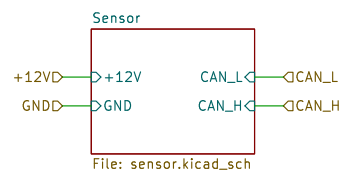
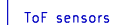
Title: Main motor schematic

Size: A4 Date: 2025-01-09

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Designers: Krzysztof Grajek, Wojtek Kołodziej

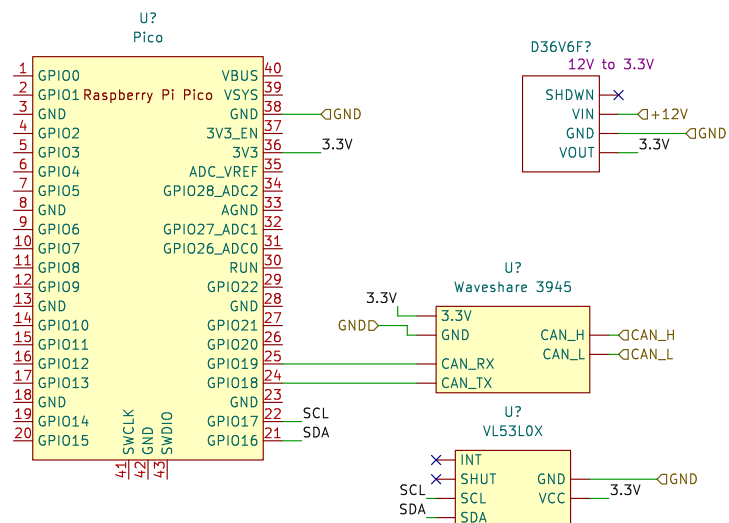
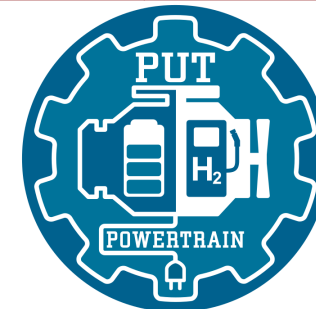
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File: sensors.kicad_sch

Title: Sensors schematic

Size: A4	
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Designers: Krzysztof Grajek, Wojtek Kotodziej

Sheet: /Sensors/Sensor/
File: sensor.kicad_sch

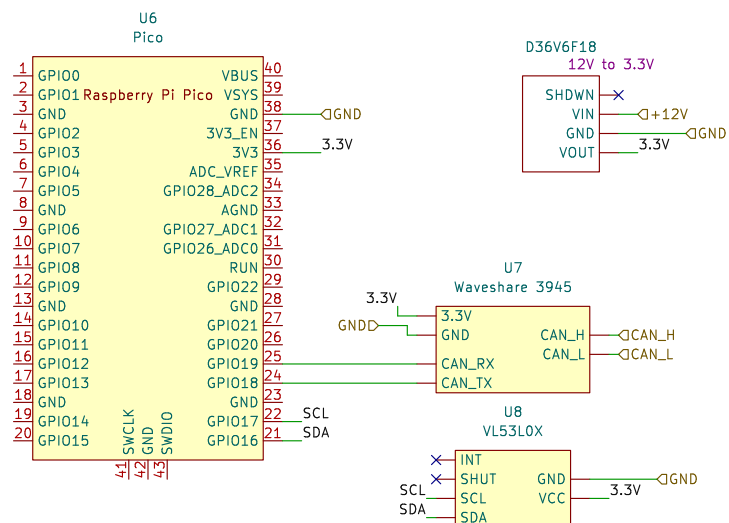
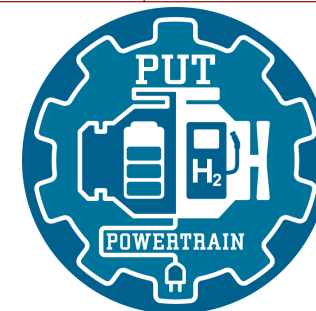
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Size: A4 Date: 2025-01-09

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Designers: Krzysztof Grajek, Wojtek Kotodziej

Sheet: /Sensors/Sensor1/
File: sensor.kicad_sch

Title:

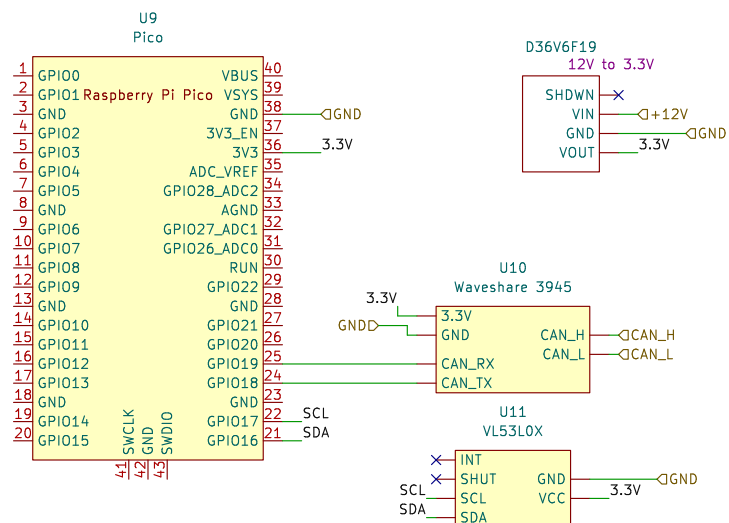
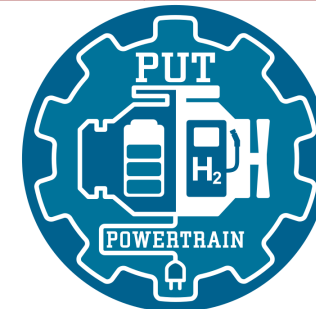
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Date: 2025-01-09

Rev:

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Designers: Krzysztof Grajek, Wojtek Kotodziej

Sheet: /Sensors/Sensor2/
File: sensor.kicad_sch

Title:

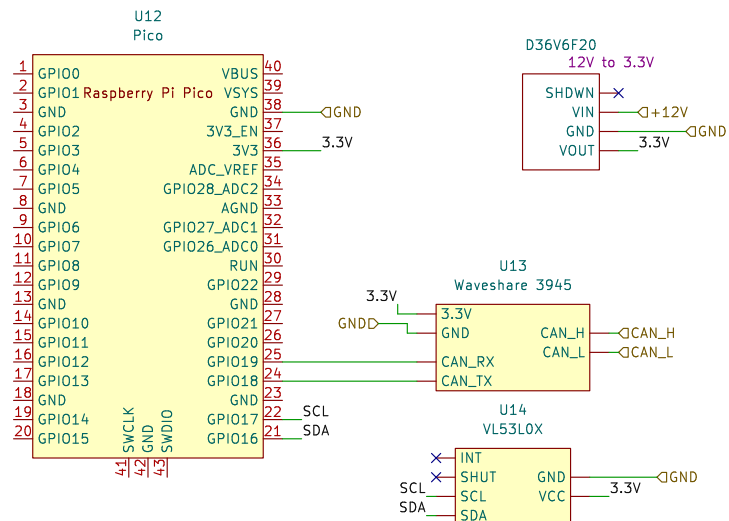
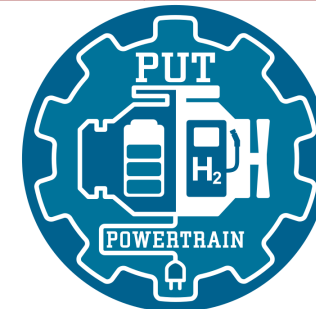
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Date: 2025-01-09

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Id: 24/36



Designers: Krzysztof Grajek, Wojtek Kotodziej

Sheet: /Sensors/Sensor3/
File: sensor.kicad_sch

Title:

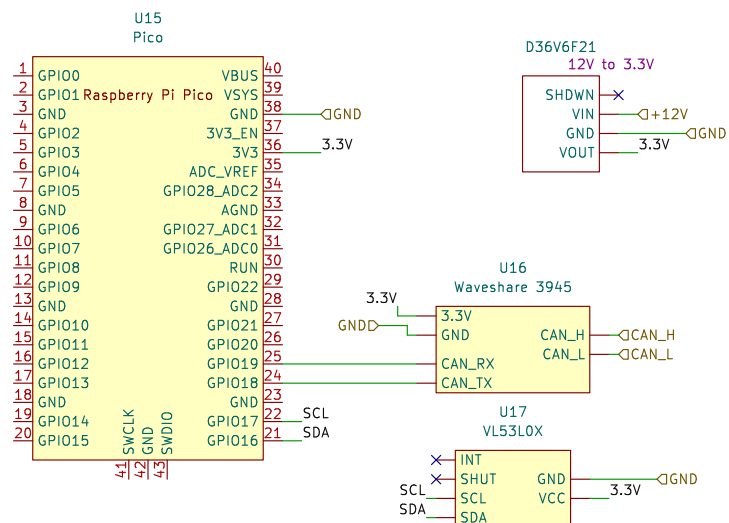
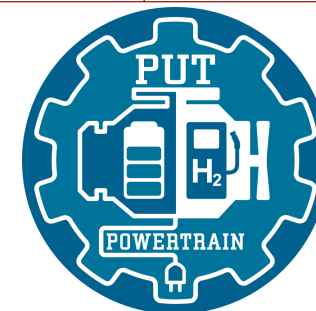
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Date: 2025-01-09

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Designers: Krzysztof Grajek, Wojtek Kotodziej

Sheet: /Sensors/Sensor4/
File: sensor.kicad_sch

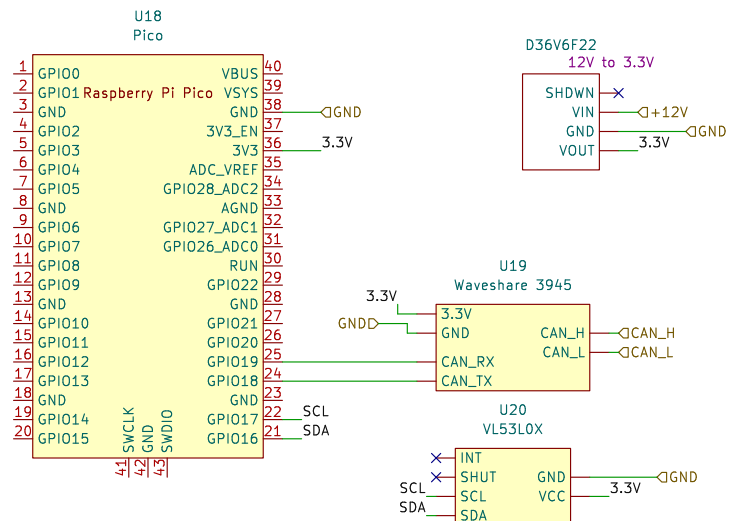
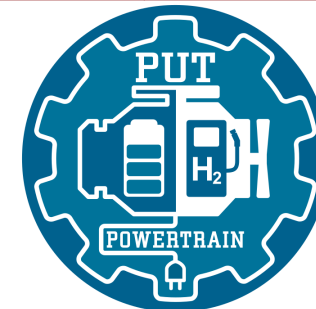
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Size: A4 Date: 2025-01-09

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Id: 26/36



Designers: Krzysztof Grajek, Wojtek Kotodziej

Sheet: /Sensors/Sensor5/
File: sensor.kicad_sch

Title:

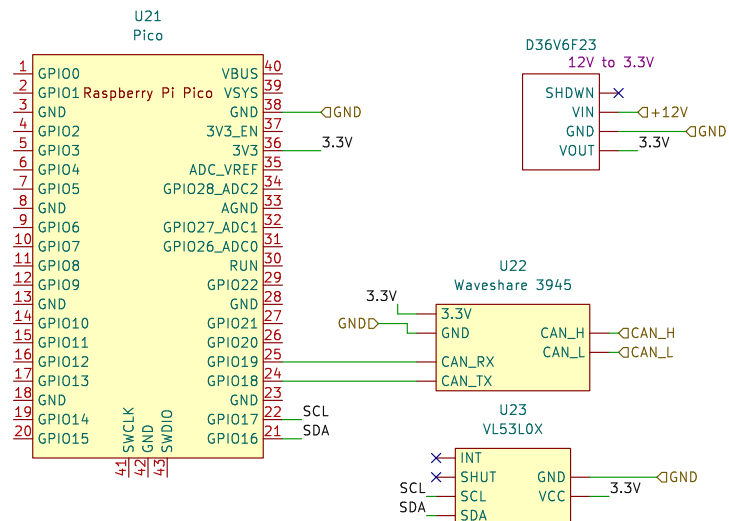
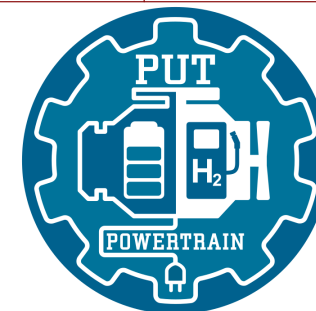
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Date: 2025-01-09

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Designers: Krzysztof Grajek, Wojtek Kotodziej

Sheet: /Sensors/Sensor6/
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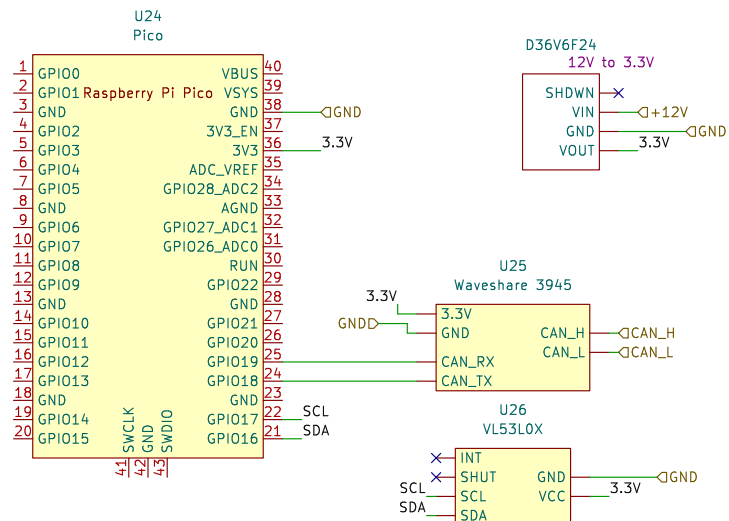
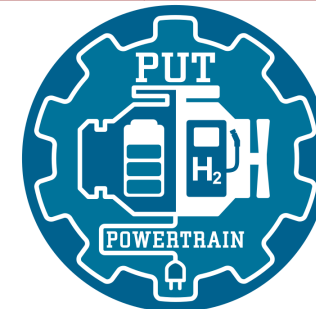
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Size: A4 Date: 2025-01-09

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Id: 28/36



Designers: Krzysztof Grajek, Wojtek Kotodziej

Sheet: /Sensors/Sensor7/
File: sensor.kicad_sch

Title:

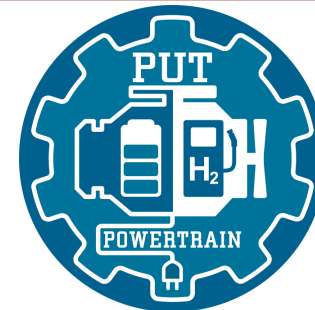
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Date: 2025-01-09

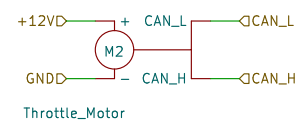
Rev:

KiCad E.D.A. 8.0.3

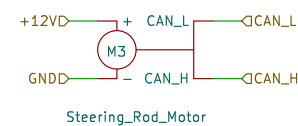
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Adjusts the throttle mechanism to regulate the main motor speed



Controls the direction by adjusting the steering rod mechanism



Designers: Krzysztof Grajek, Wojtek Kotodziej

Sheet: /Steering throttle actuators/
File: steering_throttle_actuators.kicad_sch

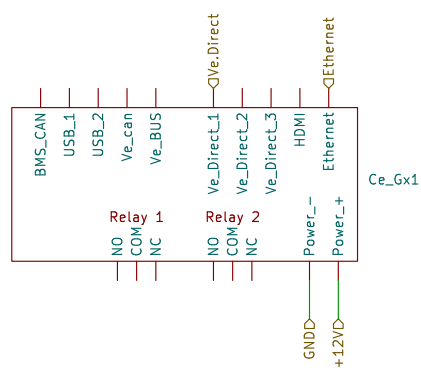
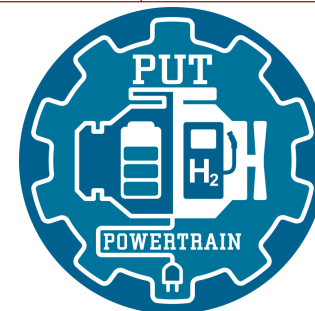
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Size: A4 Date: 2025-01-09

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Designers: Krzysztof Grajek, Wojtek Kotodziej

Sheet: /CerboGx/
File: CerboGx.kicad_sch

Title: Cerbo GX schematic

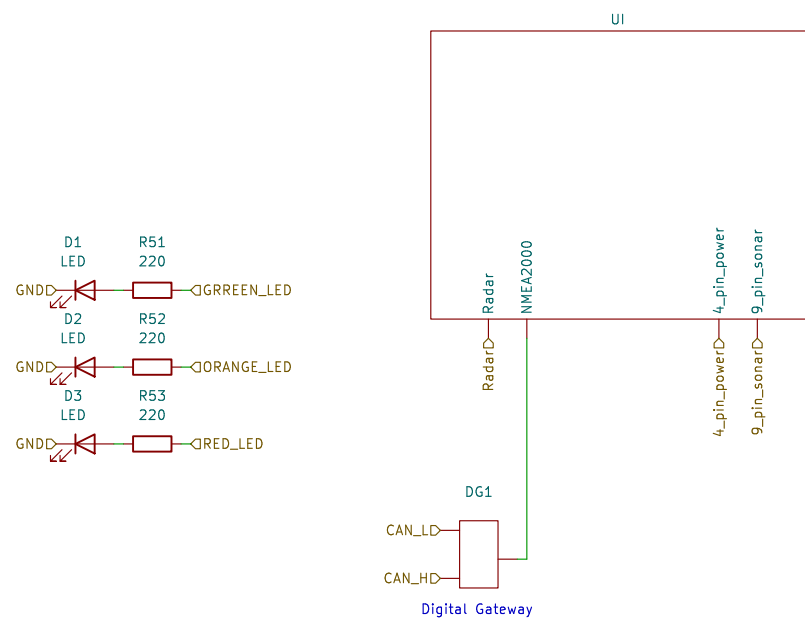
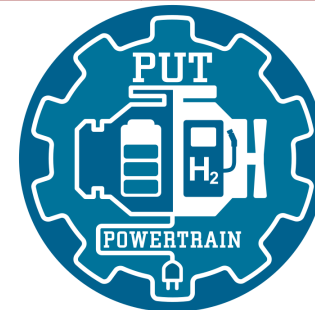
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Designers: Krzysztof Grajek, Wojtek Kotodziej

Sheet: /User Interface/
File: User_Interface.kicad_sch

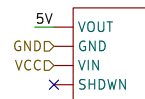
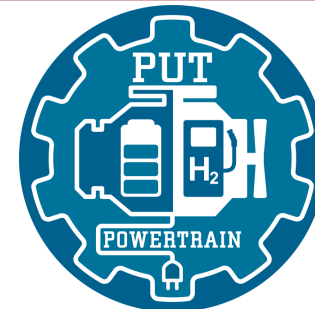
Title: UI schematic

Size: A4 Date: 2025-01-09

KiCad E.D.A. 8.0.3

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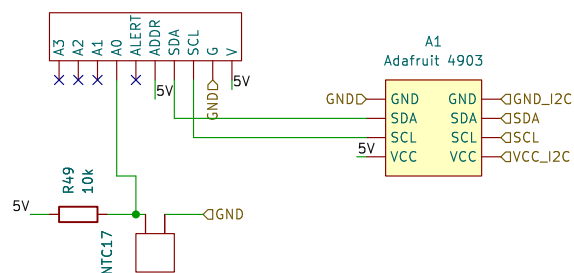
Id: 32/36



D36V6F17

ADDR is puled to VDD so address is 1001001

ADS17



Designers: Krzysztof Grajek, Wojtek Kotodziej

Sheet: /Sensors/Battery_Temp_Sensors/Battery_Temp_Sensor/
File: battery_temp_sensor.kicad_sch

Title:

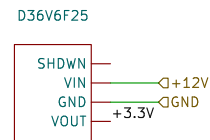
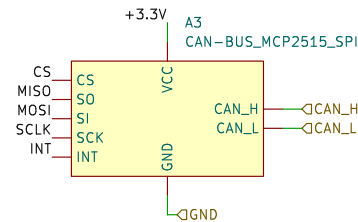
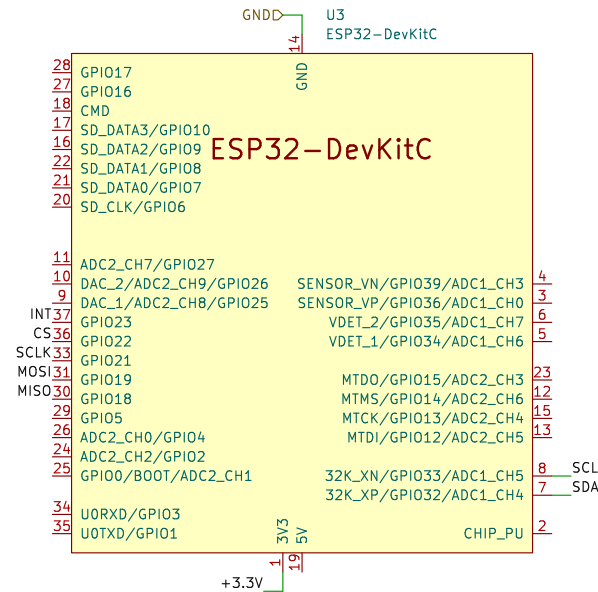
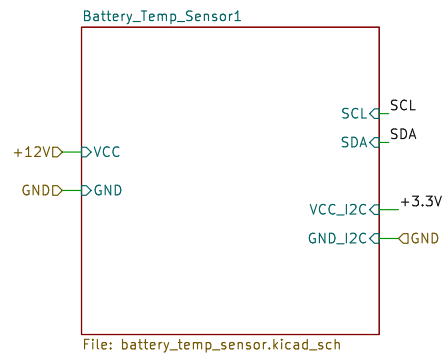
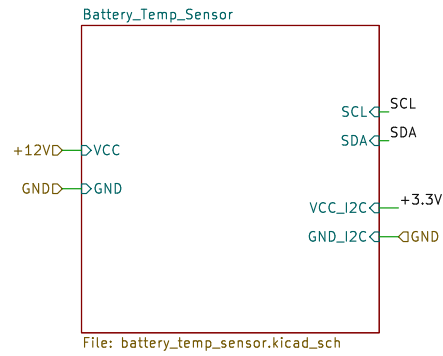
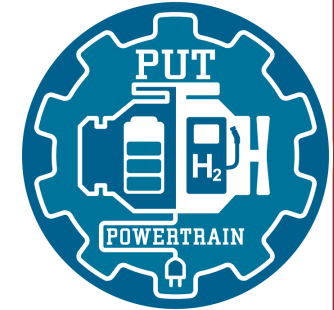
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Date: 2025-01-09

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Designers: Krzysztof Grajek, Wojtek Kotodziej

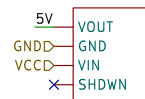
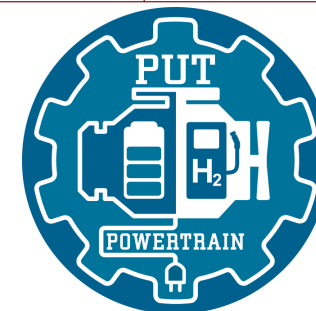
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File: battery_temp_sensors.kicad_sch

Title:

Size: A4
KiCad E.D.A. 8.0.3

Date: 2025-01-09

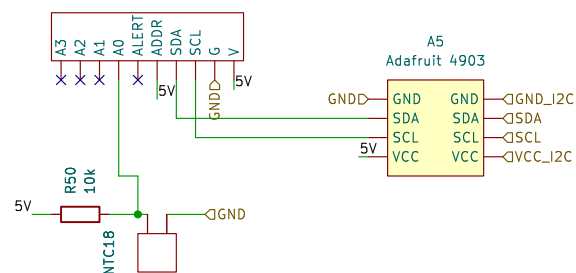
Rev:
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D36V6F26

ADDR is puled to VDD so address is 1001001

ADS18



Designers: Krzysztof Grajek, Wojtek Kotodziej

Sheet: /Sensors/Battery_Temp_Sensors/Battery_Temp_Sensor1/
File: battery_temp_sensor.kicad_sch

Title:

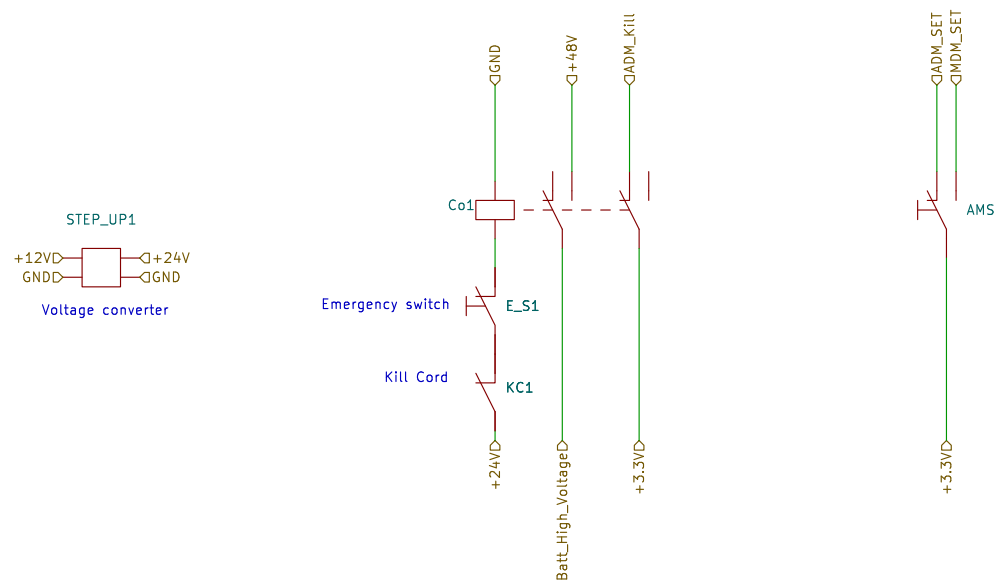
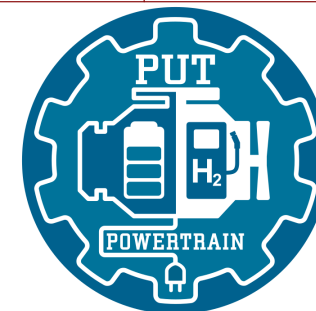
Size: A4

Date: 2025-01-09

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KiCad E.D.A. 8.0.3

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Designers: Krzysztof Grajek, Wojtek Kotodziej

Sheet: /Switching system/
File: switching_system.kicad_sch

Title:

Size: A4

Date: 2025-01-09

Rev:

KiCad E.D.A. 8.0.3

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