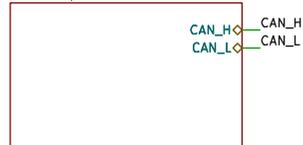
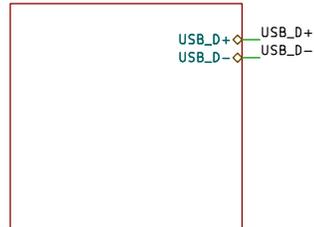


Power input



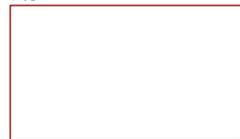
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USB



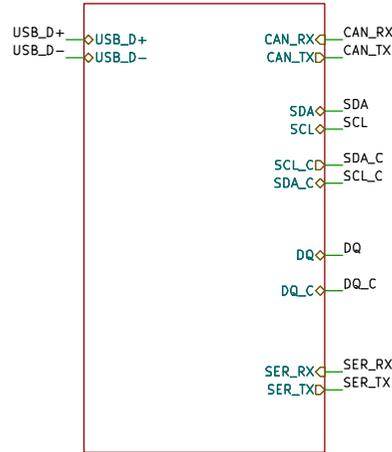
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PCB



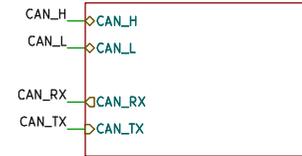
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ESP32



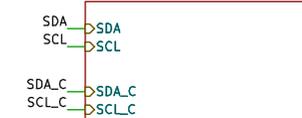
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CAN bus



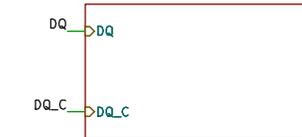
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I2C



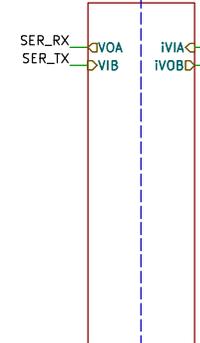
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Onewire



File: onewire.kicad_sch

Isolation barrier



File: isolation.kicad_sch

Serial interfaces



File: serial.kicad_sch

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Hat Labs oy

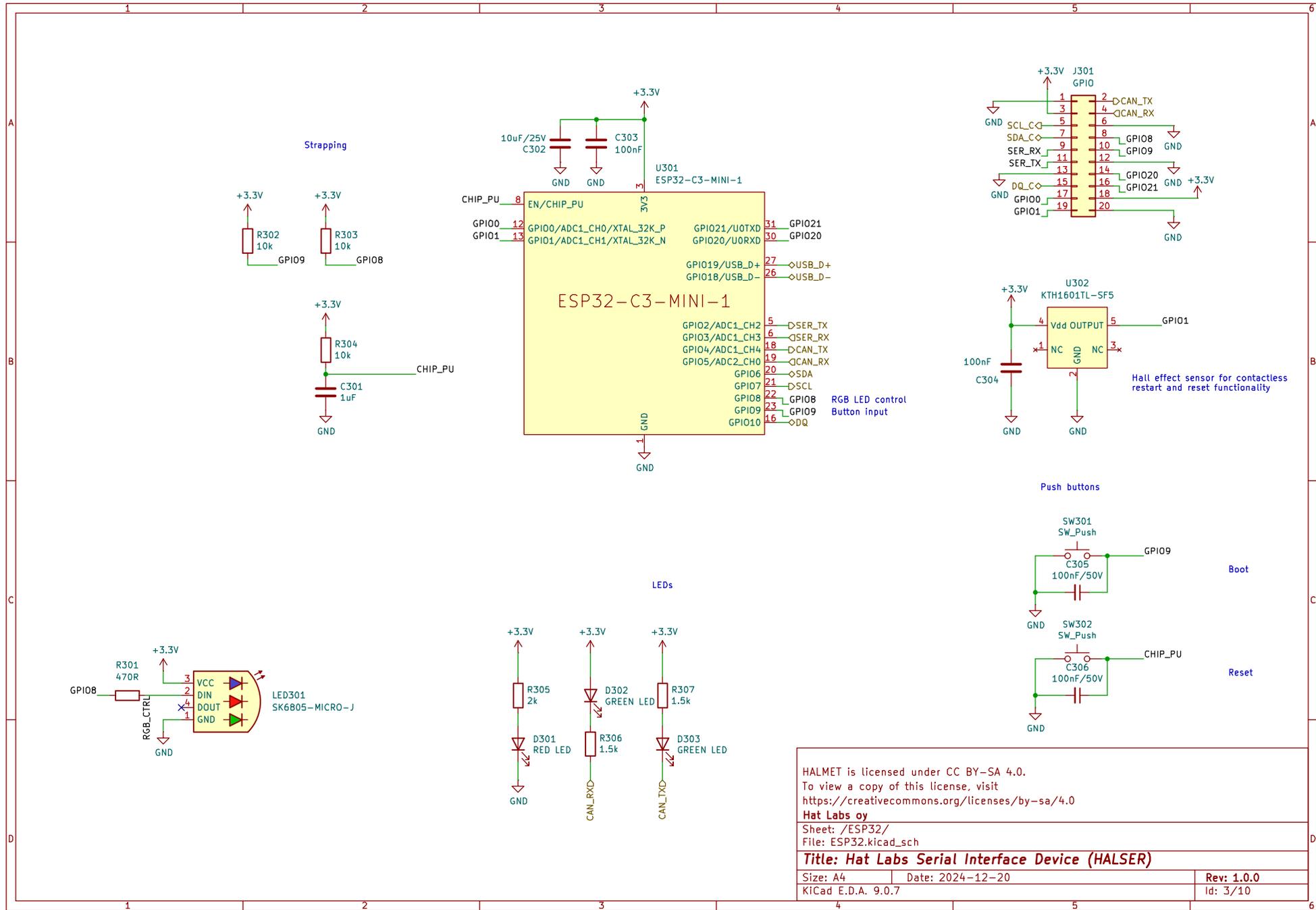
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Title: Hat Labs Serial Interface Device (HALSER)

Size: A4
 KiCad E.D.A. 9.0.7

Date: 2024-12-20

Rev: 1.0.0
 Id: 1/10



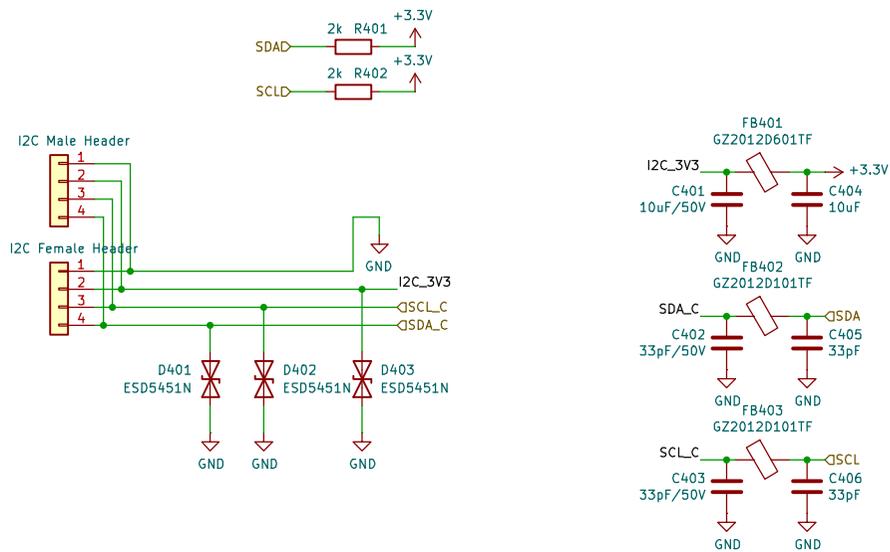
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Hat Labs oy

Sheet: /ESP32/
 File: ESP32.kicad_sch

Title: Hat Labs Serial Interface Device (HALSER)

Size: A4	Date: 2024-12-20	Rev: 1.0.0
KiCad E.D.A. 9.0.7		Id: 3/10



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Hat Labs oy

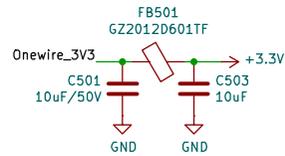
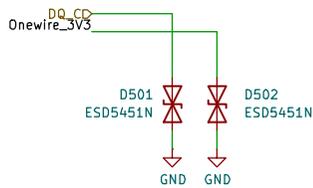
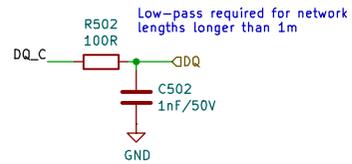
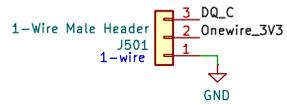
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Size: A4
 KiCad E.D.A. 9.0.7

Date: 2024-12-20

Rev: 1.0.0
 Id: 4/10



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Hat Labs oy

Sheet: /Onewire/
File: onewire.kicad_sch

Title: Hat Labs Serial Interface Device (HALSER)

Size: A4

Date: 2024-12-20

Rev: 1.0.0

KiCad E.D.A. 9.0.7

Id: 5/10

Mounting holes

- H601 MountingHole
- H602 MountingHole
- H603 MountingHole
- H604 MountingHole



G601
CC-BY



G602
CE-Logo



G603
WEEE-Logo



G604
OSHW-Logo



G605
HL-Logo



G606
HL-Pictogram

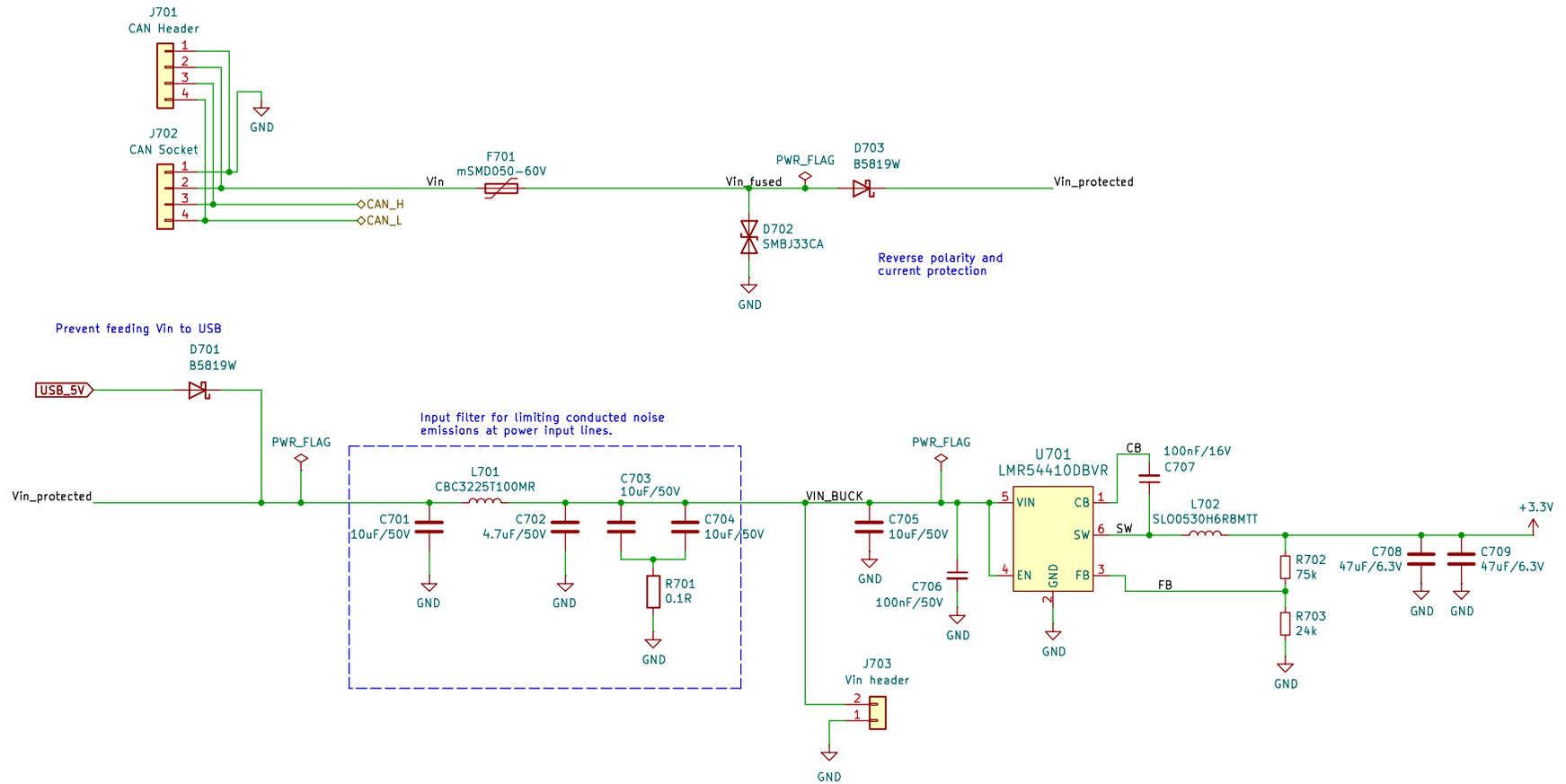
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Hat Labs oy

Sheet: /PCB/
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Title: Hat Labs Serial Interface Device (HALSER)

Size: A4	Date: 2024-12-20	Rev: 1.0.0
KiCad E.D.A. 9.0.7		Id: 7/10



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Hat Labs oy

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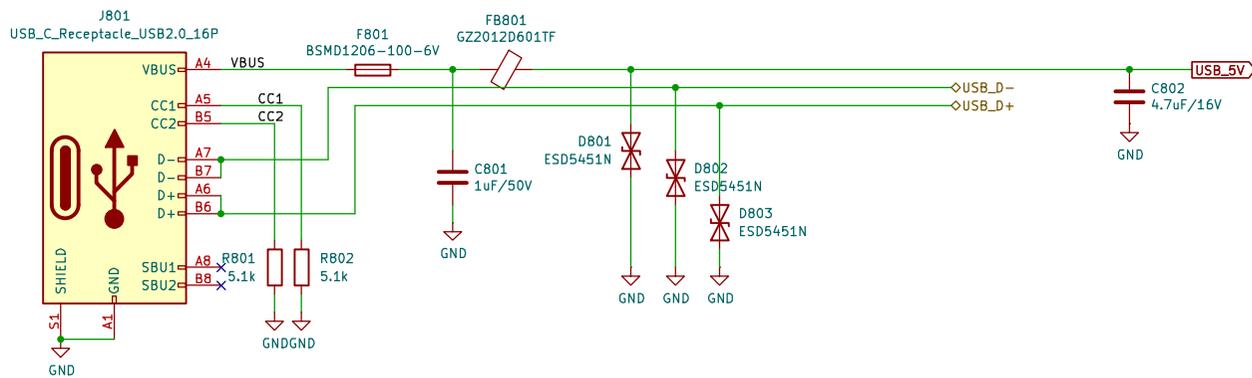
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Date: 2024-12-20

Rev: 1.0.0

KiCad E.D.A. 9.0.7

Id: 8/10



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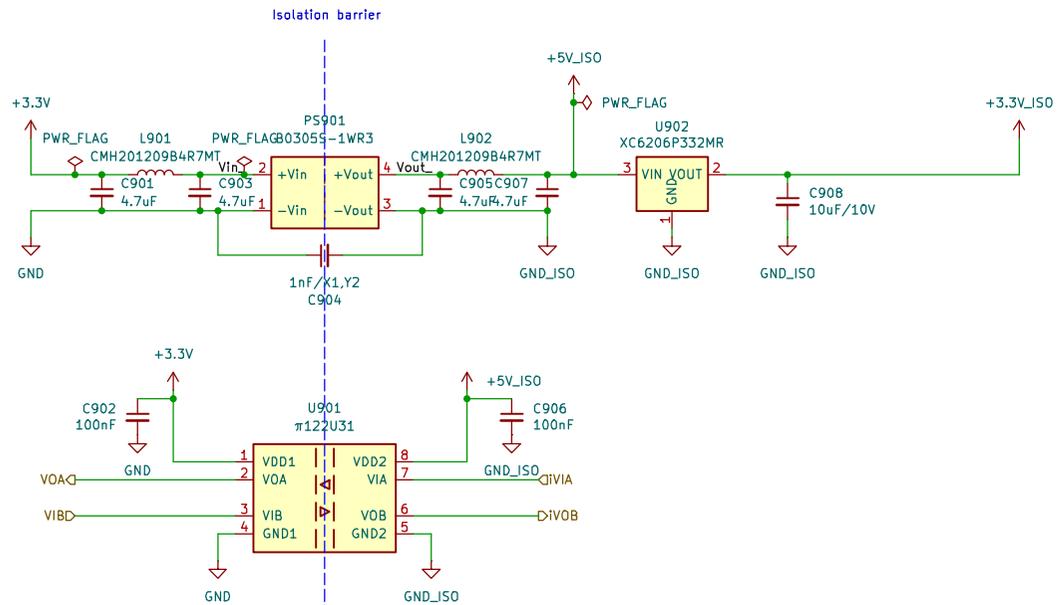
Hat Labs oy

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Size: A4 | Date: 2024-12-20
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Rev: 1.0.0
 Id: 9/10



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Hat Labs oy

Sheet: /Isolation barrier/
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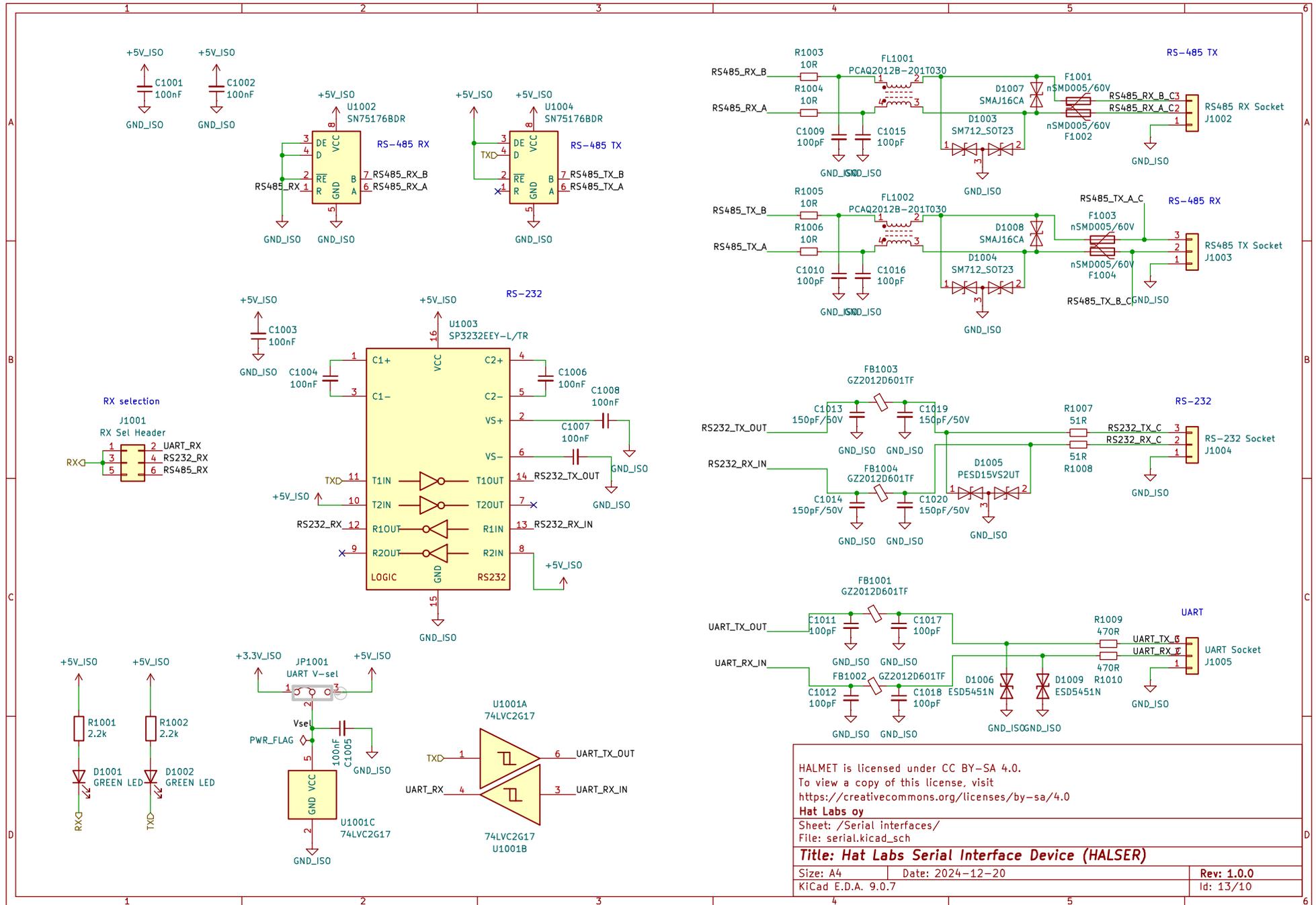
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Date: 2024-12-20

Rev: 1.0.0

KiCad E.D.A. 9.0.7

Id: 12/10



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Hat Labs oy
 Sheet: /Serial interfaces/
 File: serial.kicad_sch
Title: Hat Labs Serial Interface Device (HALSER)
 Size: A4 Date: 2024-12-20 Rev: 1.0.0
 KiCad E.D.A. 9.0.7 Id: 13/10