

Prof. Karl Zeilhofer et al.

**HTL Steyr**

Sheet: /Arduino/

File: controller.sch

**Title: HTL Lötregler Mini**

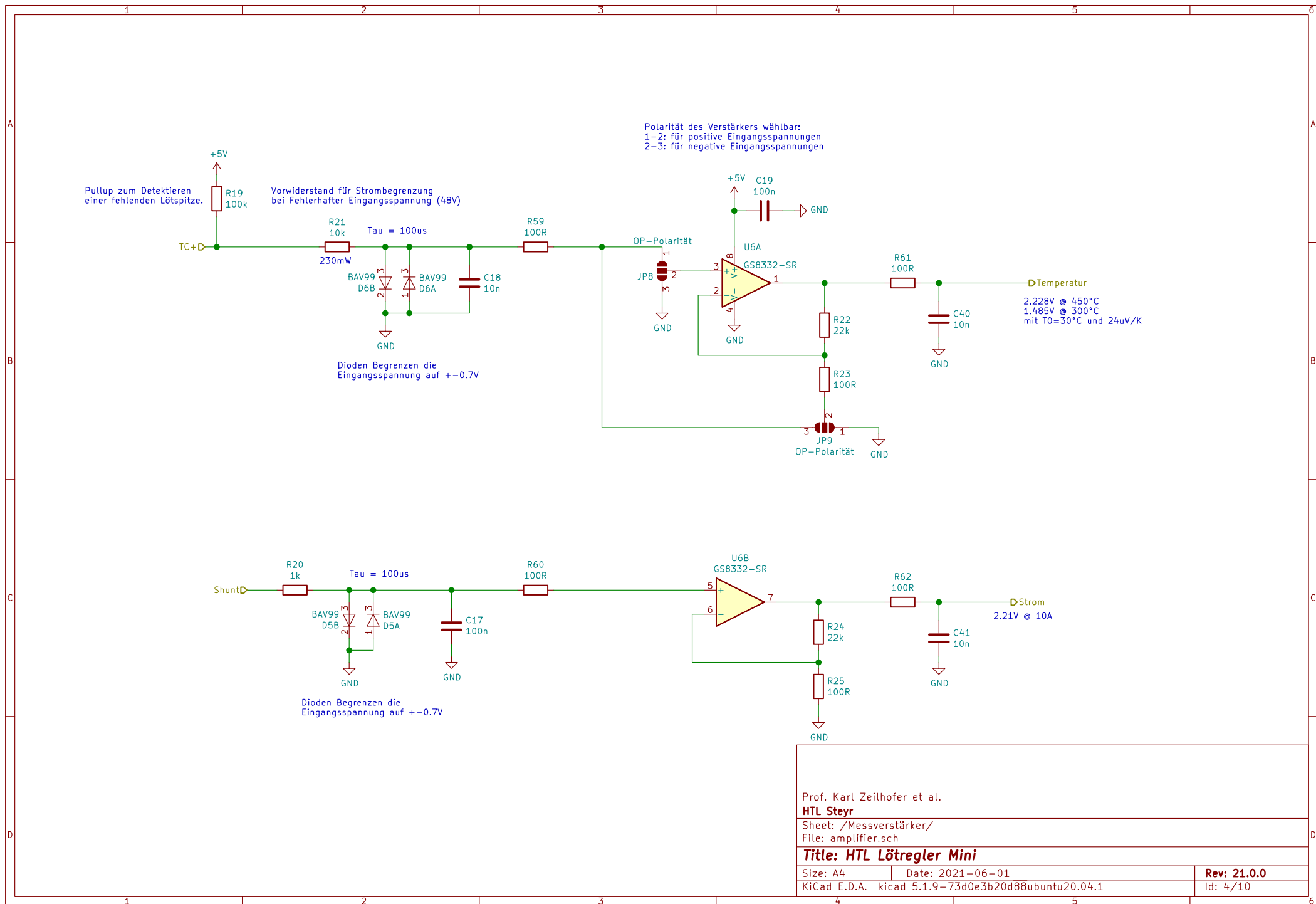
Size: A4 Date: 2021-06-01

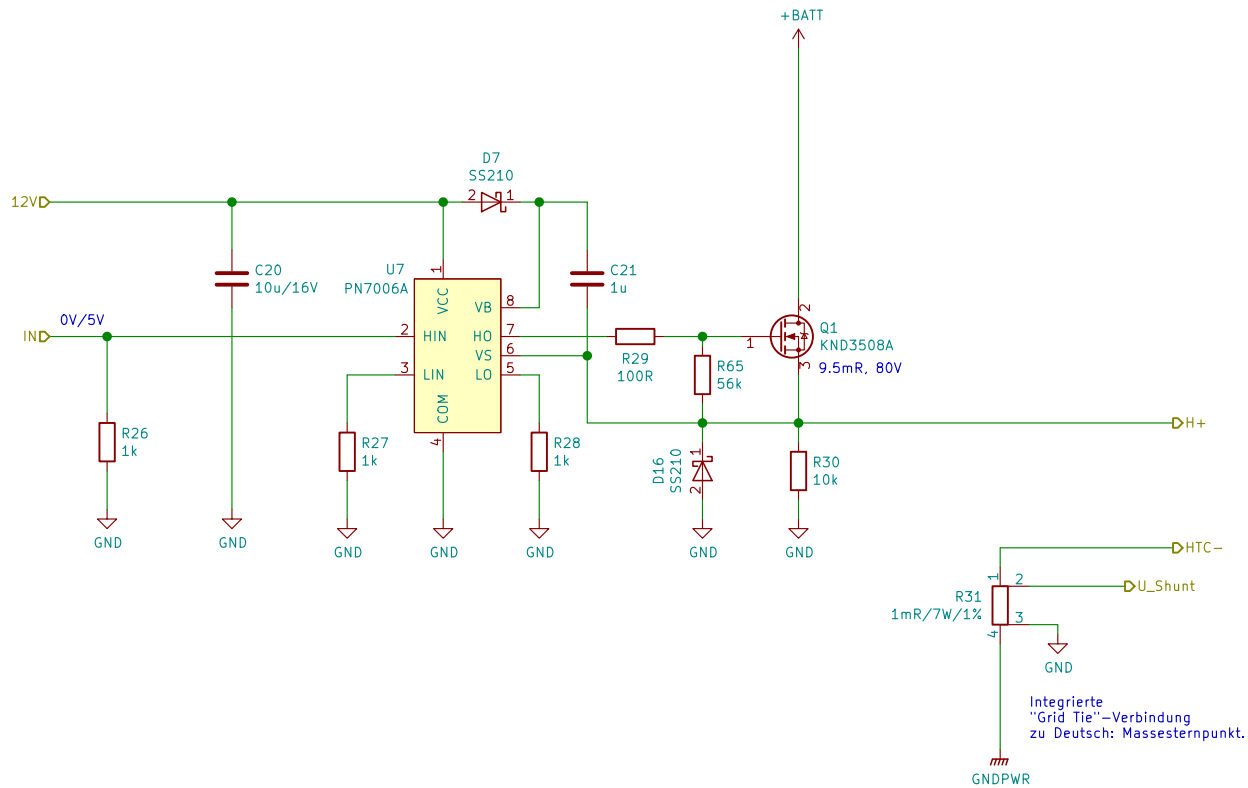
KiCad E.D.A. kicad 5.1.9-73d0e3b20d88ubuntu20.04.1

**Rev: 21.0.0**

Id: 2/10







Integrierte  
"Grid Tie"-Verbindung  
zu Deutsch: Massesternpunkt.

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**HTL Steyr**

Sheet: /Leistungsteil/

File: power-stage.sch

**Title: HTL Lötregler Mini**

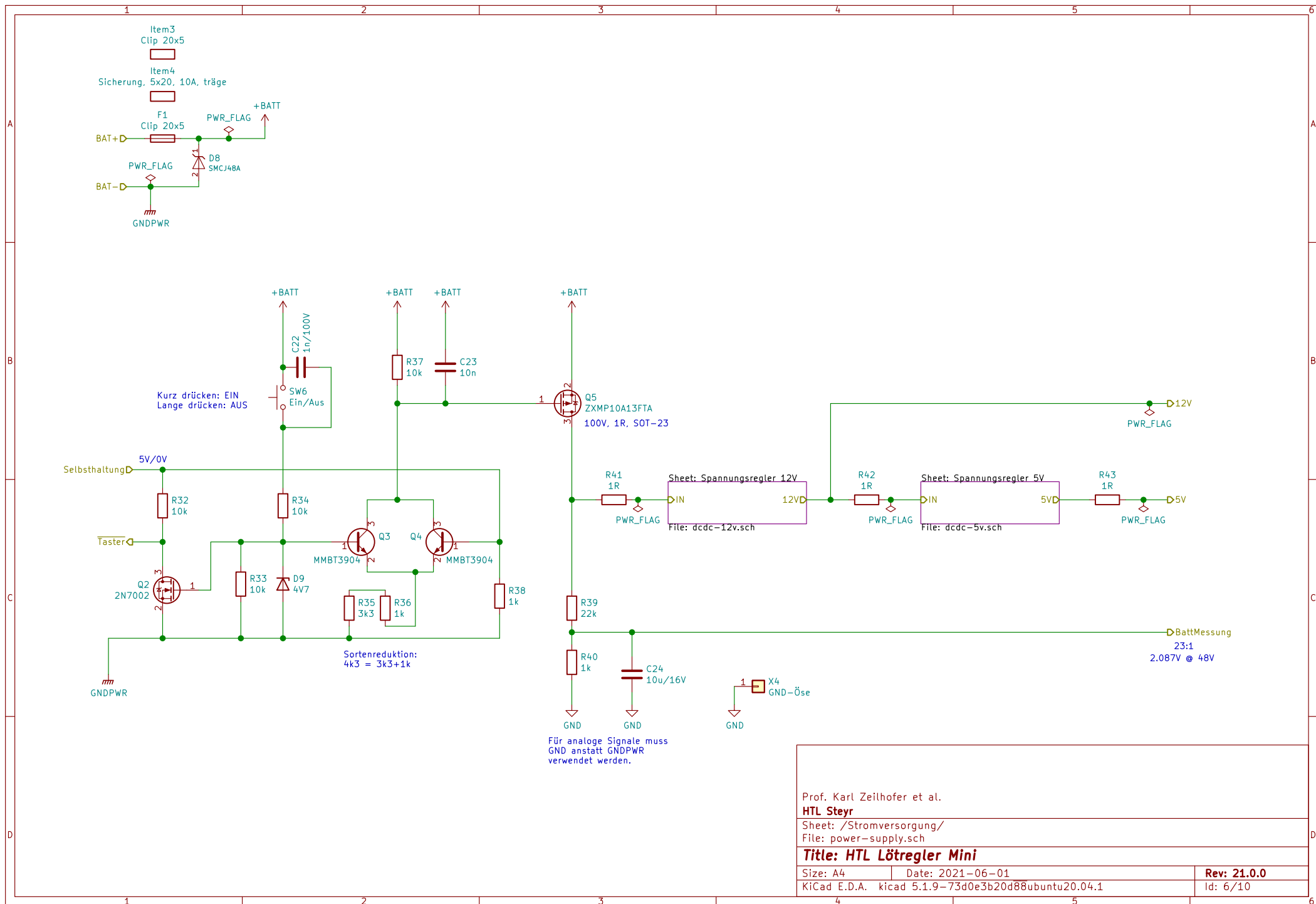
Size: A4

Date: 2021-06-01

Rev: 21.0.0

KiCad E.D.A. kicad 5.1.9-73d0e3b20d88ubuntu20.04.1

Id: 5/10



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HTL Steyr

Sheet: /Stromversorgung/

File: power-supply.sch

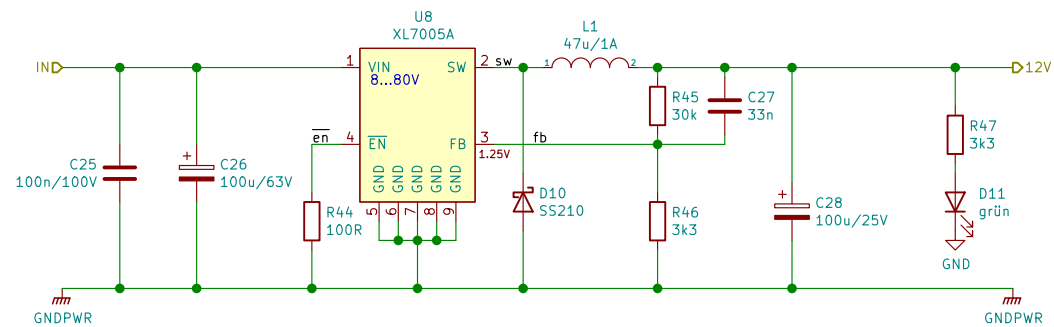
Title: HTL Lötregler Mini

Size: A4 Date: 2021-06-01

KiCad E.D.A. kicad 5.1.9-73d0e3b20d88ubuntu20.04.1

Rev: 21.0.0

Id: 6/10



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**HTL Steyr**

Sheet: /Stromversorgung/Spannungsregler 12V/

File: dcdc-12v.sch

**Title: HTL Lötregler Mini**

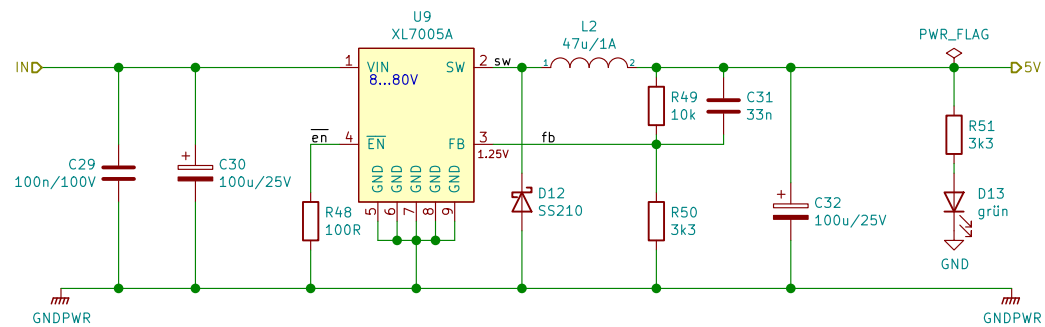
Size: A4

Date: 2021-06-01

**Rev: 21.0.0**

KiCad E.D.A. kicad 5.1.9-73d0e3b20d88ubuntu20.04.1

Id: 7/10



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**HTL Steyr**

Sheet: /Stromversorgung/Spannungsregler 5V/

File: dcdc-5v.sch

**Title: HTL Lötregler Mini**

Size: A4

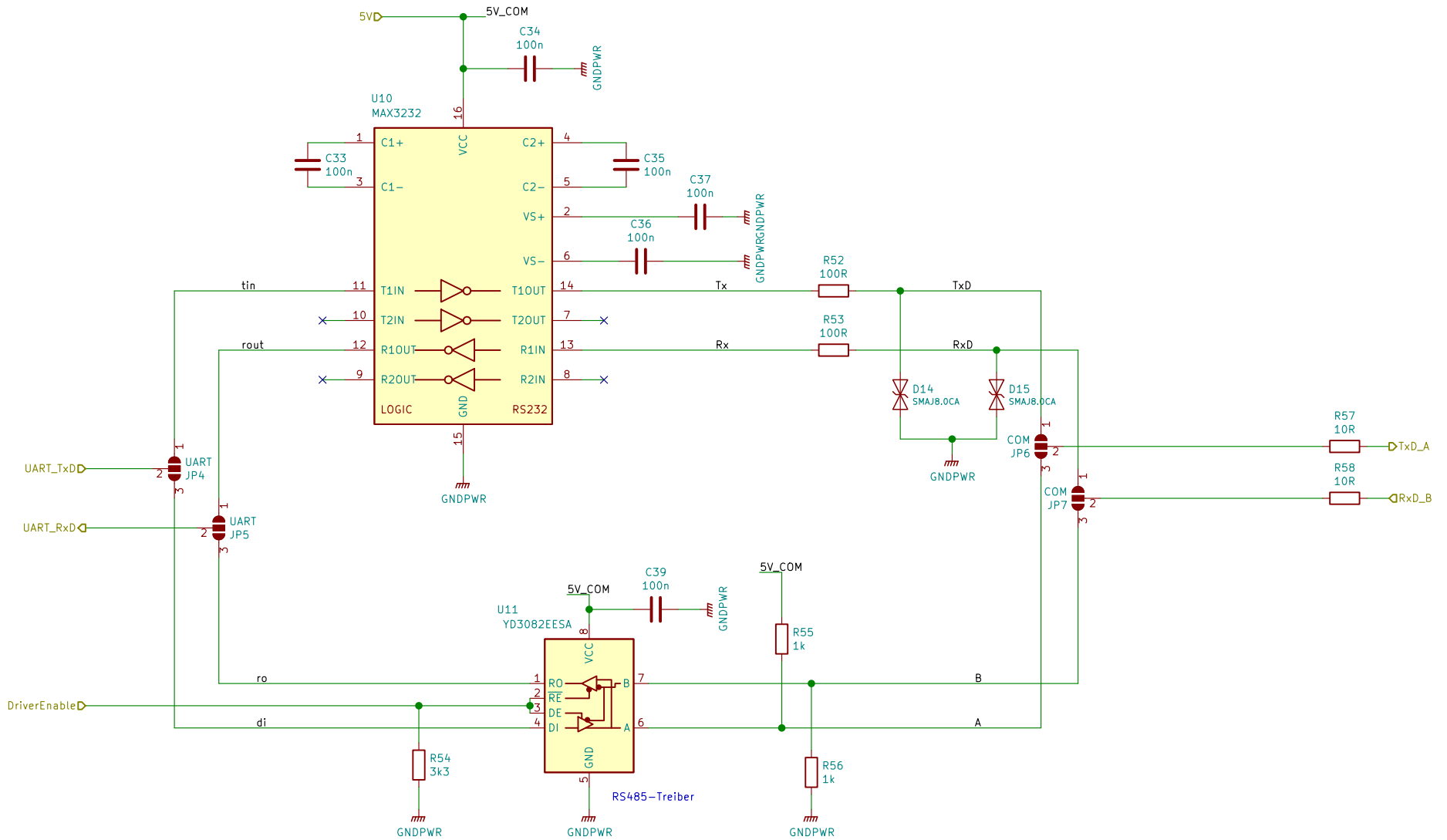
Date: 2021-06-01

**Rev: 21.0.0**

KiCad E.D.A. kicad 5.1.9-73d0e3b20d88ubuntu20.04.1

Id: 8/10





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HTL Steyr

Sheet: /UART RS232/RS485/

File: uart-rs232-rs485.sch

**Title: HTL Lötregler Mini**

Size: A4

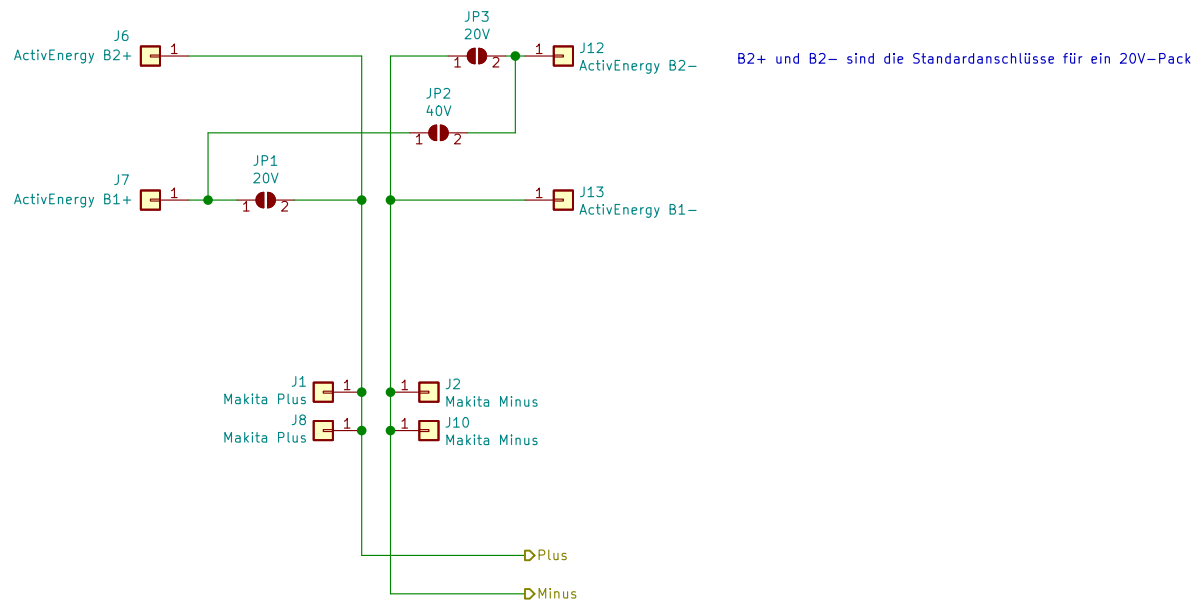
Date: 2021-06-01

Rev: 21.0.0

KiCad E.D.A. kicad 5.1.9-73d0e3b20d88ubuntu20.04.1

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TODO: Footprint überprüfen  
TODO: Geometrien der Akkus



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**HTL Steyr**

Sheet: /Batterie Varianten/

File: batteries.sch

**Title: HTL Lötregler Mini**

Size: A4

Date: 2021-06-01

Rev: 21.0.0

KiCad E.D.A. kicad 5.1.9-73d0e3b20d88ubuntu20.04.1

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