

**RS232-Sniffer**

**Vom PC (DTE)**

**Zum Gerät (DCE)**

**Verdrahtung wie Nullmodem**  
siehe Wikipedia

**Direkte Verdrahtung**

**Legend:**

- H101 MountingHole
- H102 MountingHole
- H103 MountingHole
- H104 MountingHole

**Notes:**

(1) RTR hatte früher (vor 1980) RTS (Request to send) heißen

**Metadata:**

Prof. Karl Zeilhofer  
**HTL-Steuer**  
 Sheet: /  
 File: rs232-sniffer.sch  
**Title: RS-232 Sniffer**  
 Size: A4 Date: 2020-10-09  
 KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1  
**Rev: v20.0.0-dev**  
 Id: 1/27

- H101 MountingHole
- H102 MountingHole
- H103 MountingHole
- H104 MountingHole

Rev: v20.0.0-dev  
Id: 1/27

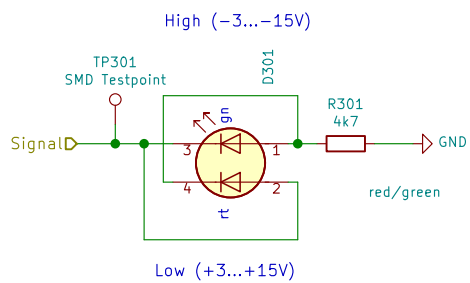
- Signal1
- Sheet: sheet5F813BE0
- Signal
- File: led.sch
- Signal2
- Sheet: sheet5F813C62
- Signal
- File: led.sch
- Signal3
- Sheet: sheet5F813CC8
- Signal
- File: led.sch
- Signal4
- Sheet: sheet5F813D46
- Signal
- File: led.sch
- Signal6
- Sheet: sheet5F813D9A
- Signal
- File: led.sch
- Signal7
- Sheet: sheet5F813DD6
- Signal
- File: led.sch
- Signal8
- Sheet: sheet5F813E3A
- Signal
- File: led.sch
- Signal9
- Sheet: sheet5F813E84
- Signal
- File: led.sch

Prof. Karl Zeilhofer  
HTL–Steyr

Sheet: /LEDs A/  
File: led8x.sch

Title: RS–232 Sniffer

Size: A4	Date: 2020–10–09	Rev: v20.0.0–dev
KiCad E.D.A. kicad 5.1.6–c6e7f7d87ubuntu18.04.1		Id: 2/27



Prof. Karl Zeilhofer

**HTL-Steier**

Sheet: /LEDs A/sheet5F813BE0/

File: led.sch

**Title: RS-232 Sniffer**

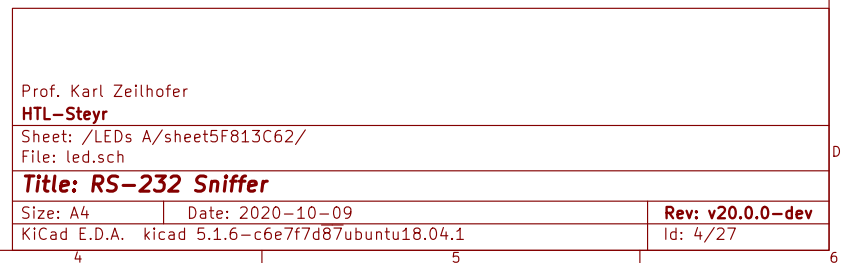
Size: A4

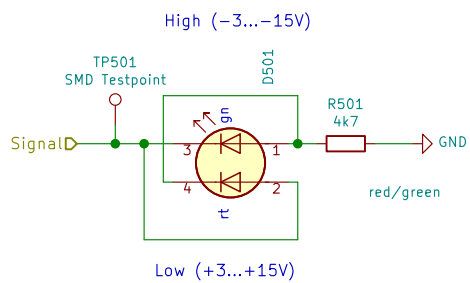
Date: 2020-10-09

**Rev: v20.0.0-dev**

KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

Id: 3/27





Prof. Karl Zeilhofer

**HTL-Steier**

Sheet: /LEDs A/sheet5F813CC8/

File: led.sch

**Title: RS-232 Sniffer**

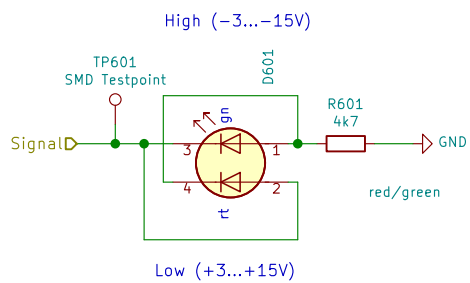
Size: A4

Date: 2020-10-09

**Rev: v20.0.0-dev**

KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

Id: 5/27



Prof. Karl Zeilhofer

**HTL-Steier**

Sheet: /LEDs A/sheet5F813D46/

File: led.sch

**Title: RS-232 Sniffer**

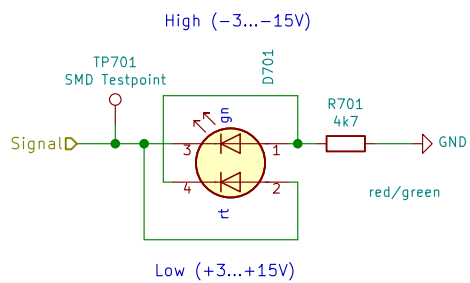
Size: A4

Date: 2020-10-09

**Rev: v20.0.0-dev**

KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

Id: 6/27



Prof. Karl Zeilhofer

**HTL-Steier**

Sheet: /LEDs A/sheet5F813D9A/

File: led.sch

**Title: RS-232 Sniffer**

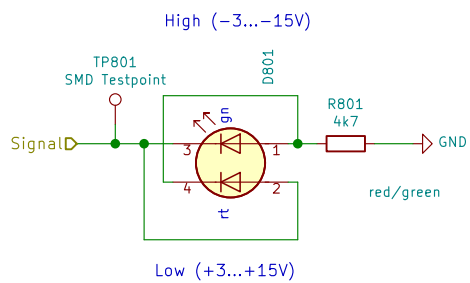
Size: A4

Date: 2020-10-09

**Rev: v20.0.0-dev**

KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

Id: 7/27



Prof. Karl Zeilhofer

**HTL-Steier**

Sheet: /LEDs A/sheet5F813DD6/

File: led.sch

**Title: RS-232 Sniffer**

Size: A4

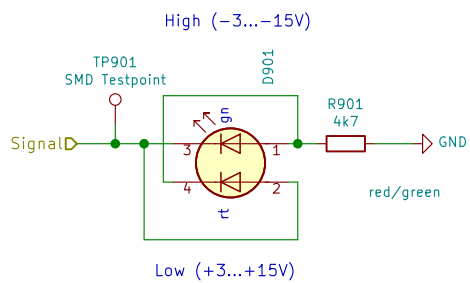
Date: 2020-10-09

**Rev: v20.0.0-dev**

KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

Id: 8/27





Prof. Karl Zeilhofer

**HTL-Steier**

Sheet: /LEDs A/sheet5F813E3A/

File: led.sch

**Title: RS-232 Sniffer**

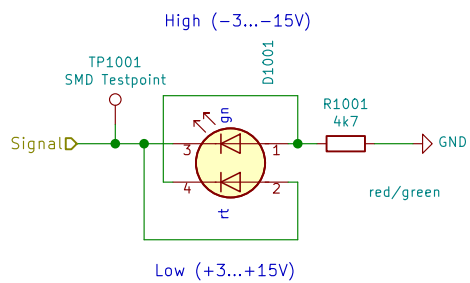
Size: A4

Date: 2020-10-09

**Rev: v20.0.0-dev**

KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

Id: 9/27



Prof. Karl Zeilhofer

**HTL-Steir**

Sheet: /LEDs A/sheet5F813E84/

File: led.sch

**Title: RS-232 Sniffer**

Size: A4

Date: 2020-10-09

**Rev: v20.0.0-dev**

KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

Id: 10/27

- Signal1

Sheet: sheet5F813BE0

Signal

File: led.sch
- Signal2

Sheet: sheet5F813C62

Signal

File: led.sch
- Signal3

Sheet: sheet5F813CC8

Signal

File: led.sch
- Signal4

Sheet: sheet5F813D46

Signal

File: led.sch
- Signal6

Sheet: sheet5F813D9A

Signal

File: led.sch
- Signal7

Sheet: sheet5F813DD6

Signal

File: led.sch
- Signal8

Sheet: sheet5F813E3A

Signal

File: led.sch
- Signal9

Sheet: sheet5F813E84

Signal

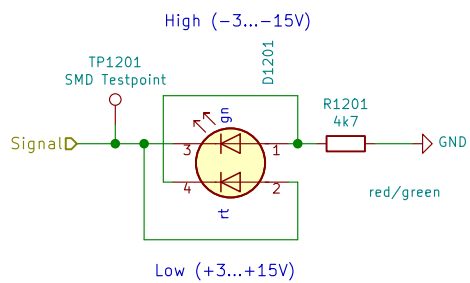
File: led.sch

Prof. Karl Zeilhofer  
HTL–Steyr

Sheet: /LEDs B/  
File: led8x.sch

Title: RS–232 Sniffer

Size: A4	Date: 2020–10–09	Rev: v20.0.0–dev
KiCad E.D.A. kicad 5.1.6–c6e7f7d87ubuntu18.04.1		Id: 11/27



Prof. Karl Zeilhofer

**HTL-Steier**

Sheet: /LEDs B/sheet5F813BE0/

File: led.sch

**Title: RS-232 Sniffer**

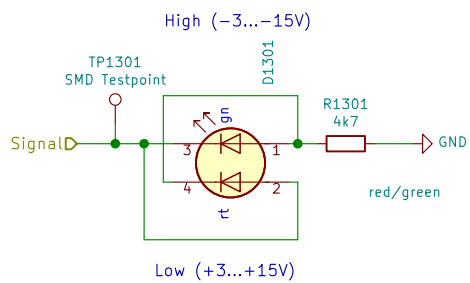
Size: A4

Date: 2020-10-09

**Rev: v20.0.0-dev**

KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

Id: 12/27



Prof. Karl Zeilhofer

**HTL-1301**

Sheet: /LEDs B/sheet5F813C62/

File: led.sch

**Title: RS-232 Sniffer**

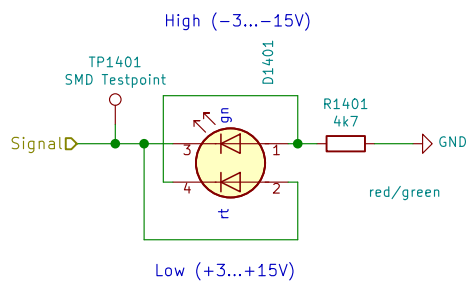
Size: A4

Date: 2020-10-09

**Rev: v20.0.0-dev**

KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

Id: 13/27



Prof. Karl Zeilhofer

**HTL-Steir**

Sheet: /LEDs B/sheet5F813CC8/

File: led.sch

**Title: RS-232 Sniffer**

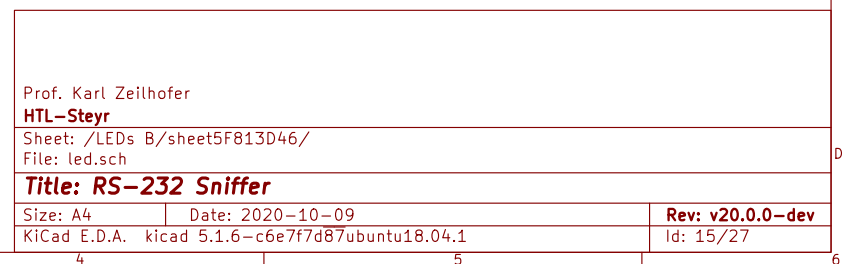
Size: A4

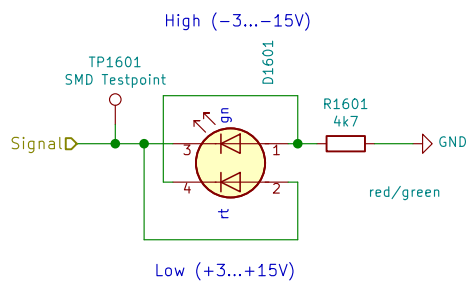
Date: 2020-10-09

**Rev: v20.0.0-dev**

KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

Id: 14/27





Prof. Karl Zeilhofer

**HTL-Steier**

Sheet: /LEDs B/sheet5F813D9A/

File: led.sch

**Title: RS-232 Sniffer**

Size: A4

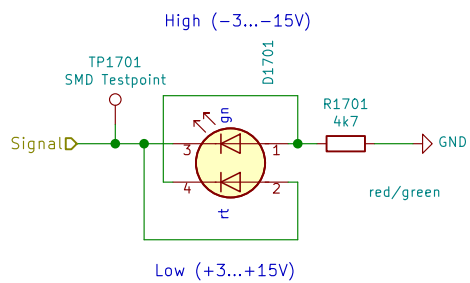
Date: 2020-10-09

**Rev: v20.0.0-dev**

KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

Id: 16/27





Prof. Karl Zeilhofer

**HTL-Steir**

Sheet: /LEDs B/sheet5F813DD6/

File: led.sch

**Title: RS-232 Sniffer**

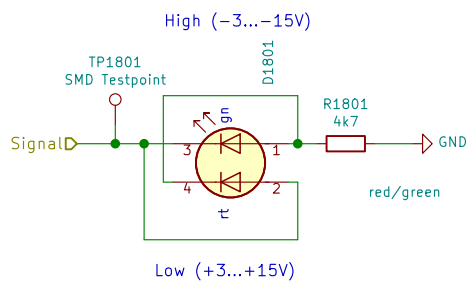
Size: A4

Date: 2020-10-09

**Rev: v20.0.0-dev**

KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

Id: 17/27



Prof. Karl Zeilhofer

**HTL-Steier**

Sheet: /LEDs B/sheet5F813E3A/

File: led.sch

**Title: RS-232 Sniffer**

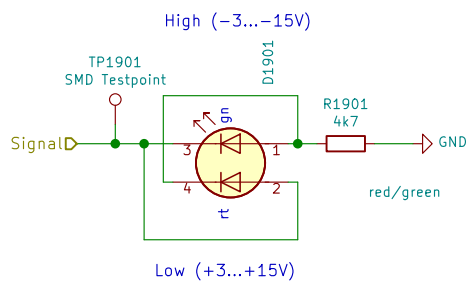
Size: A4

Date: 2020-10-09

**Rev: v20.0.0-dev**

KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

Id: 18/27



Prof. Karl Zeilhofer

**HTL-Steir**

Sheet: /LEDs B/sheet5F813E84/

File: led.sch

**Title: RS-232 Sniffer**

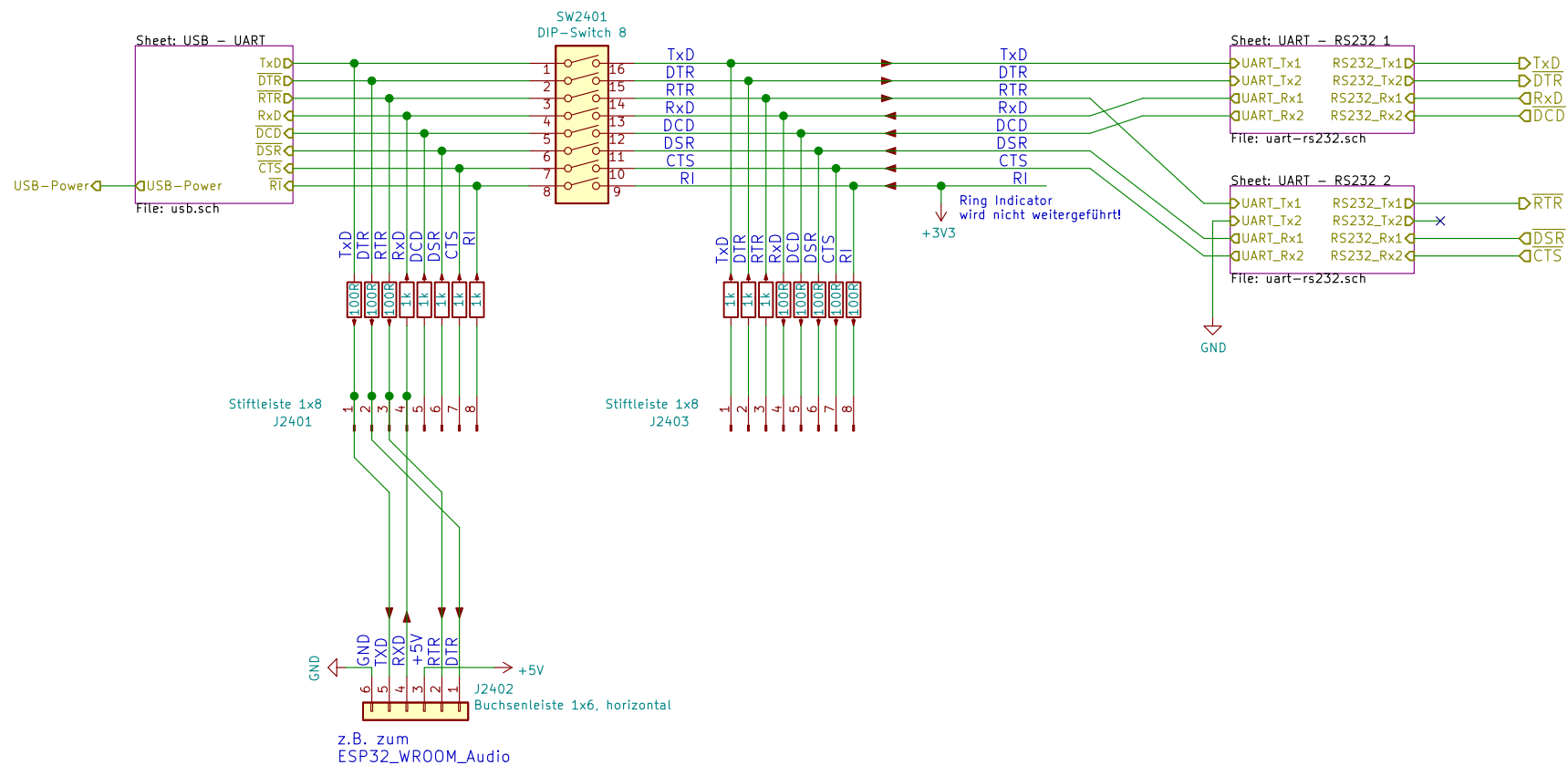
Size: A4

Date: 2020-10-09

**Rev: v20.0.0-dev**

KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

Id: 19/27



Prof. Karl Zeilhofer

**HTL-Steier**

Sheet: /UART Hub R/

File: uart-hub.sch

**Title: RS-232 Sniffer**

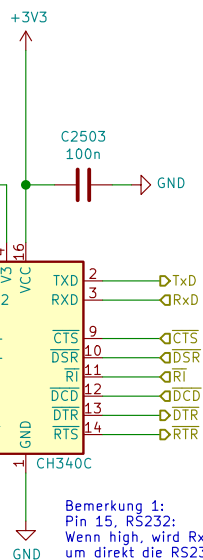
Size: A4

Date: 2020-10-09

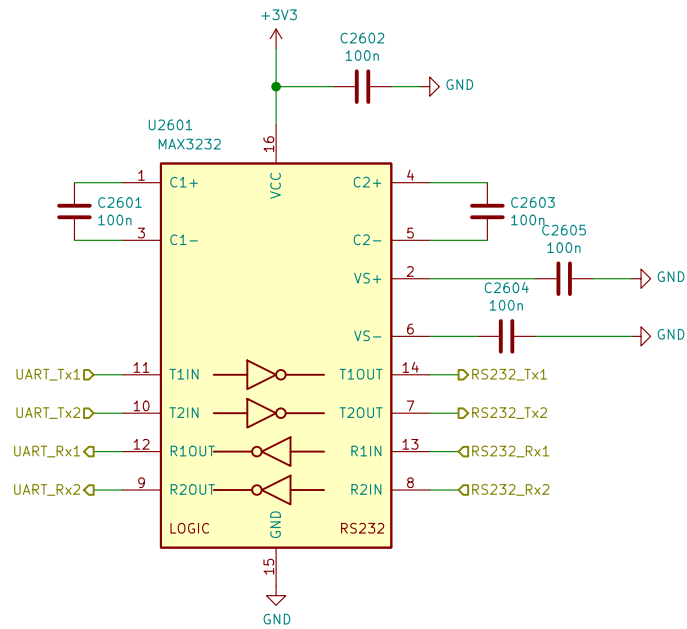
Rev: v20.0.0-dev

KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

Id: 20/27



Id: 21/27



Prof. Karl Zeilhofer

**HTL-Steier**

Sheet: /UART Hub R/UART - RS232 1/

File: uart-rs232.sch

**Title: RS-232 Sniffer**

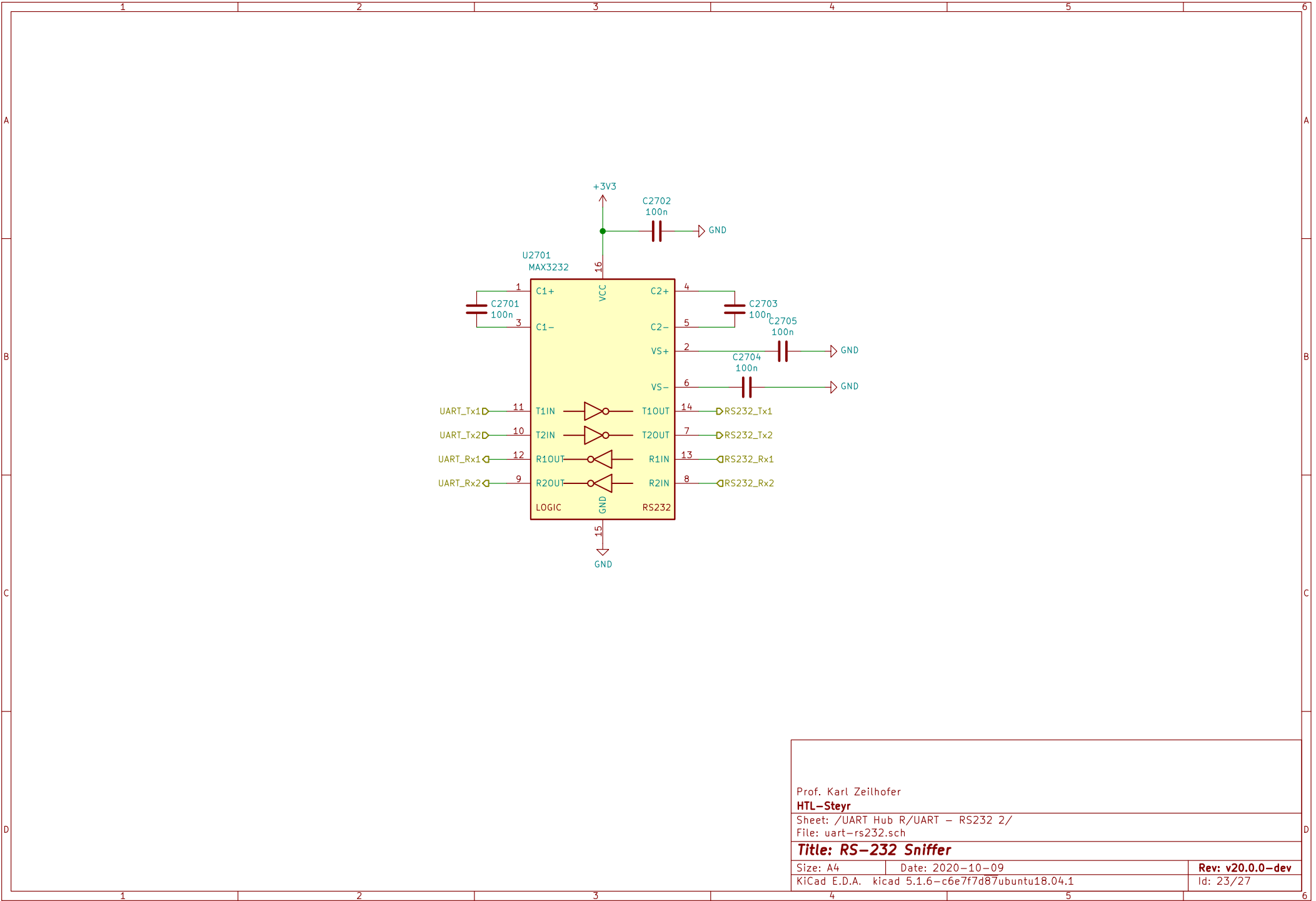
Size: A4

Date: 2020-10-09

**Rev: v20.0.0-dev**

KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

Id: 22/27



Prof. Karl Zeilhofer

HTL-Steier

Sheet: /UART Hub R/UART - RS232 2/

File: uart-rs232.sch

**Title: RS-232 Sniffer**

Size: A4

Date: 2020-10-09

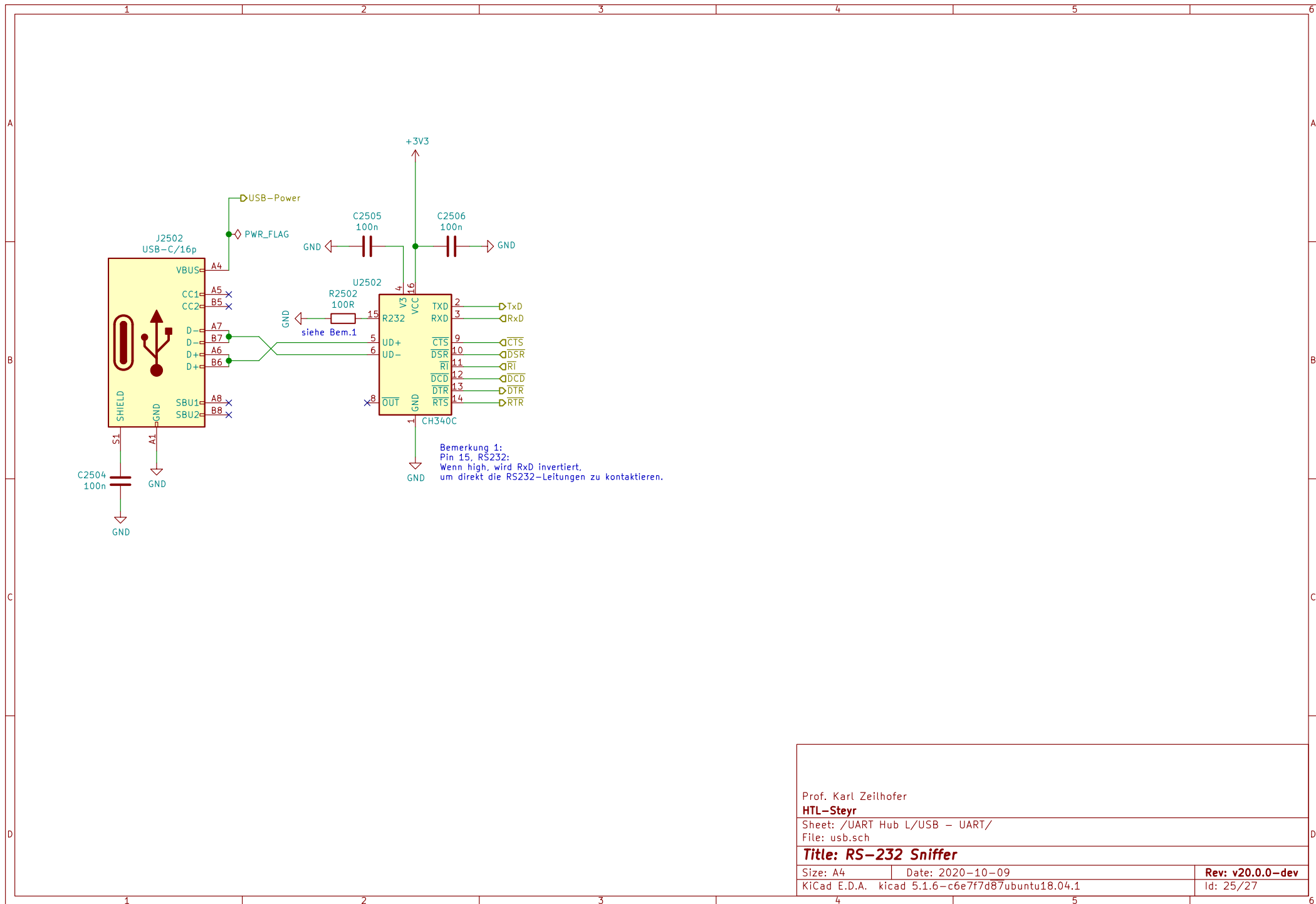
Rev: v20.0.0-dev

KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

Id: 23/27

Id: 24/27





Prof. Karl Zeilhofer

HTL-Steyr

Sheet: /UART Hub L/USB - UART/

File: usb.sch

**Title: RS-232 Sniffer**

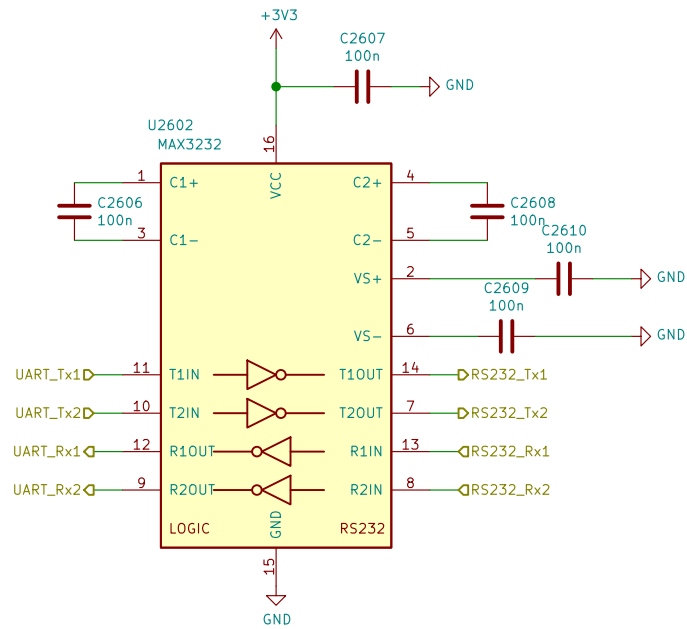
Size: A4

Date: 2020-10-09

Rev: v20.0.0-dev

KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

Id: 25/27



Prof. Karl Zeilhofer

**HTL-Steier**

Sheet: /UART Hub L/UART - RS232 1/

File: uart-rs232.sch

**Title: RS-232 Sniffer**

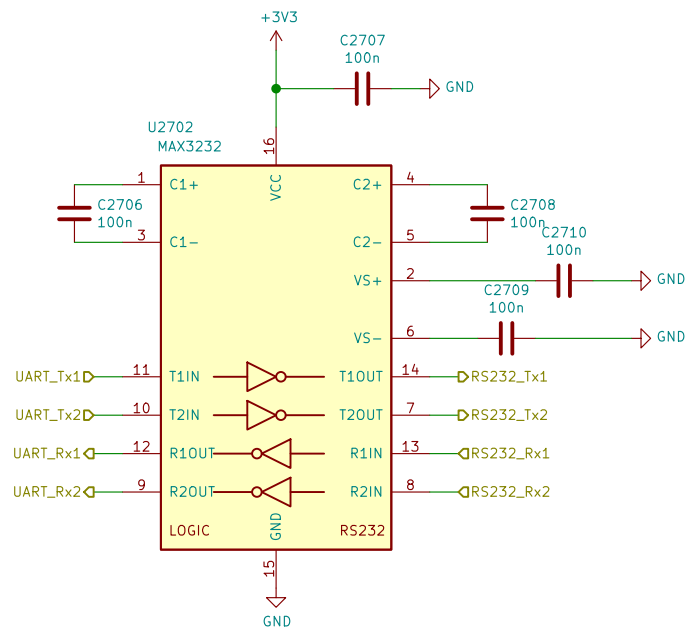
Size: A4

Date: 2020-10-09

**Rev: v20.0.0-dev**

KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

Id: 26/27



Prof. Karl Zeilhofer

**HTL-Steier**

Sheet: /UART Hub L/UART - RS232 2/

File: uart-rs232.sch

**Title: RS-232 Sniffer**

Size: A4

Date: 2020-10-09

**Rev: v20.0.0-dev**

KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

Id: 27/27