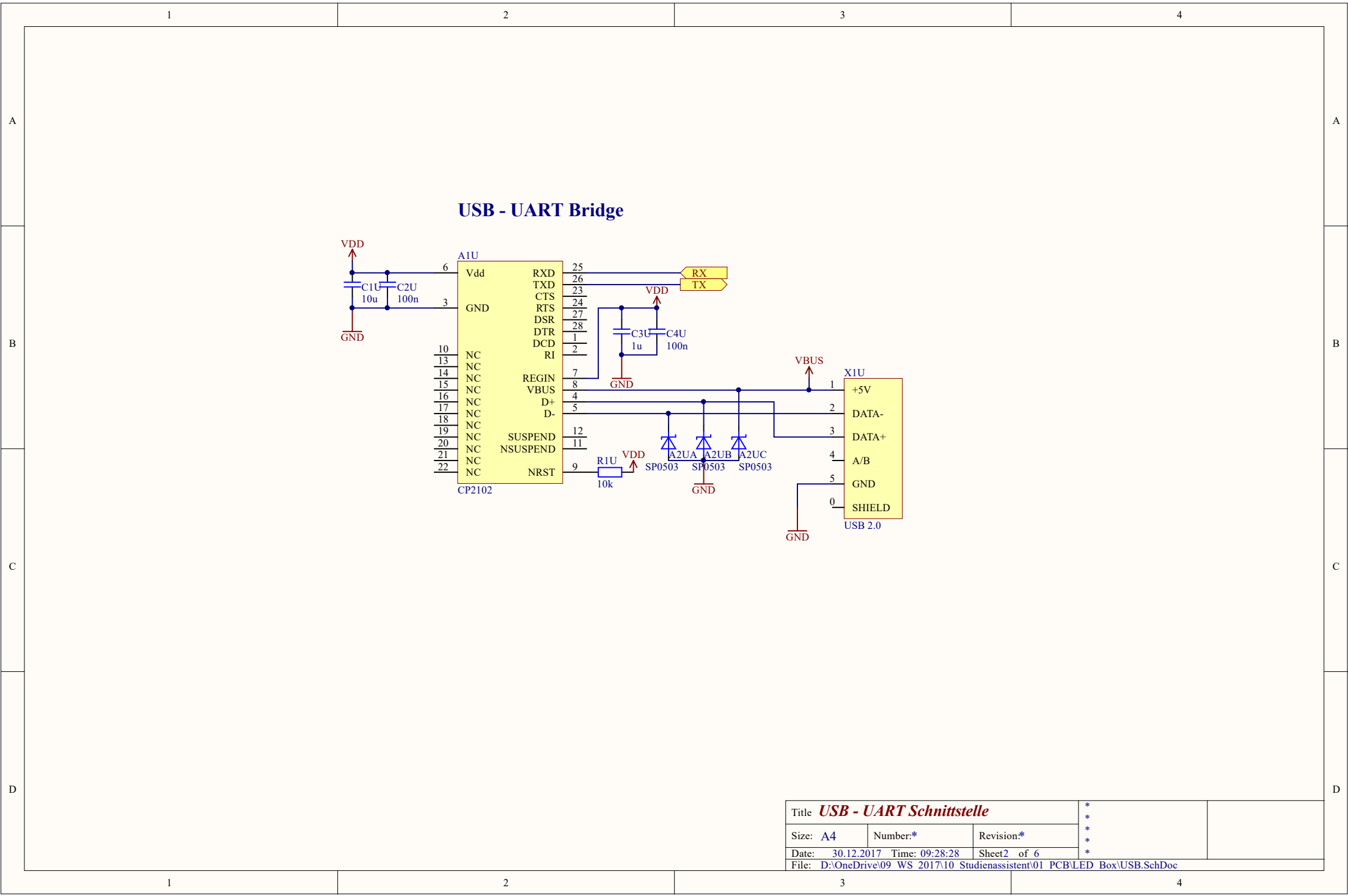
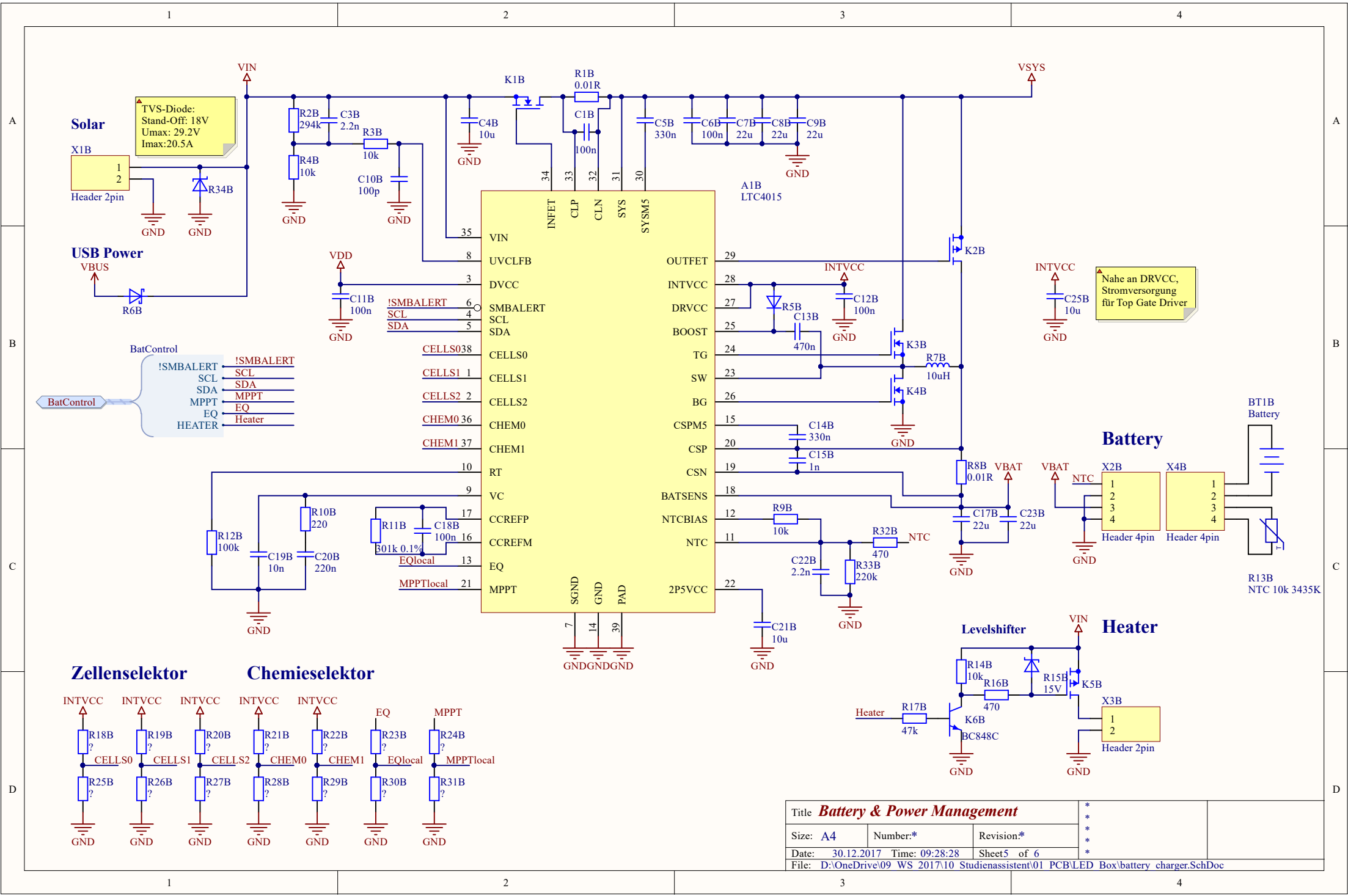
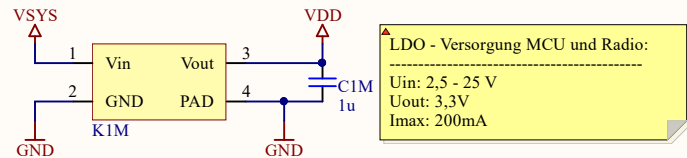


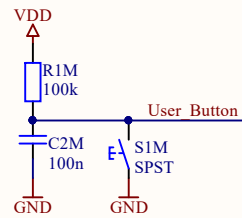
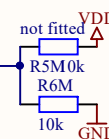
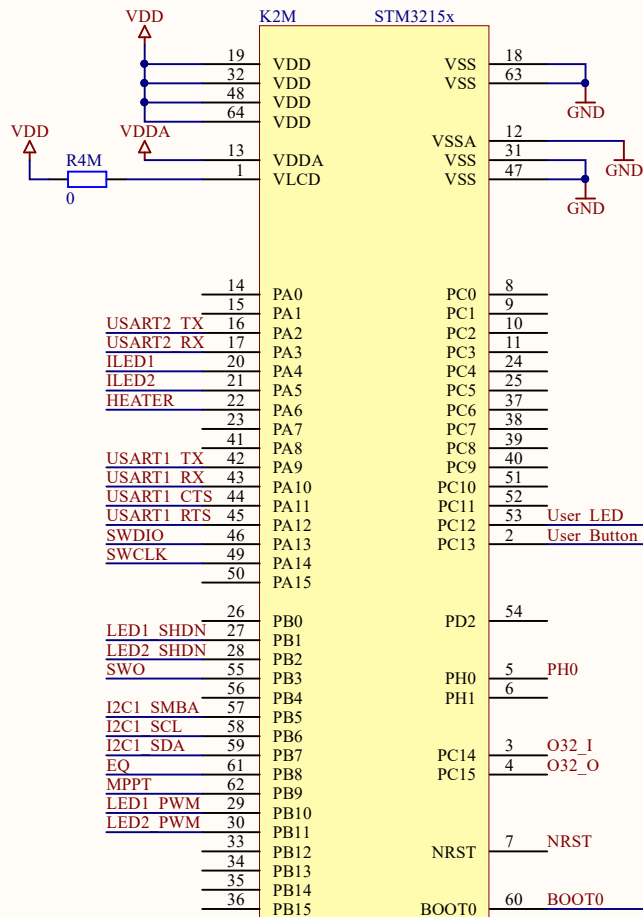
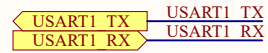
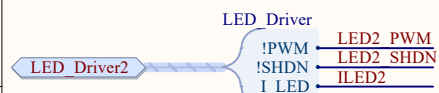
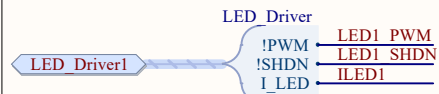
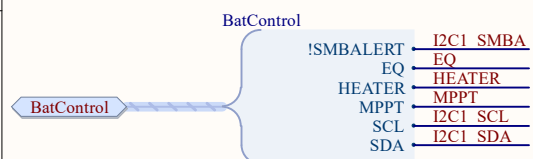
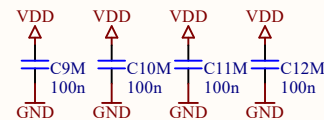
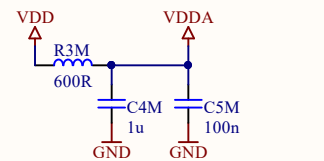
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Date: 30.12.2017	Time: 09:28:28	Sheet1 of 6	
File: D:\OneDrive\09 WS 2017\10 Studienassistent\01 PCB\LED Box\LED driver.SchDoc			







U_{in}: 2,5 - 25 V
U_{out}: 3,3V
I_{max}: 200mA



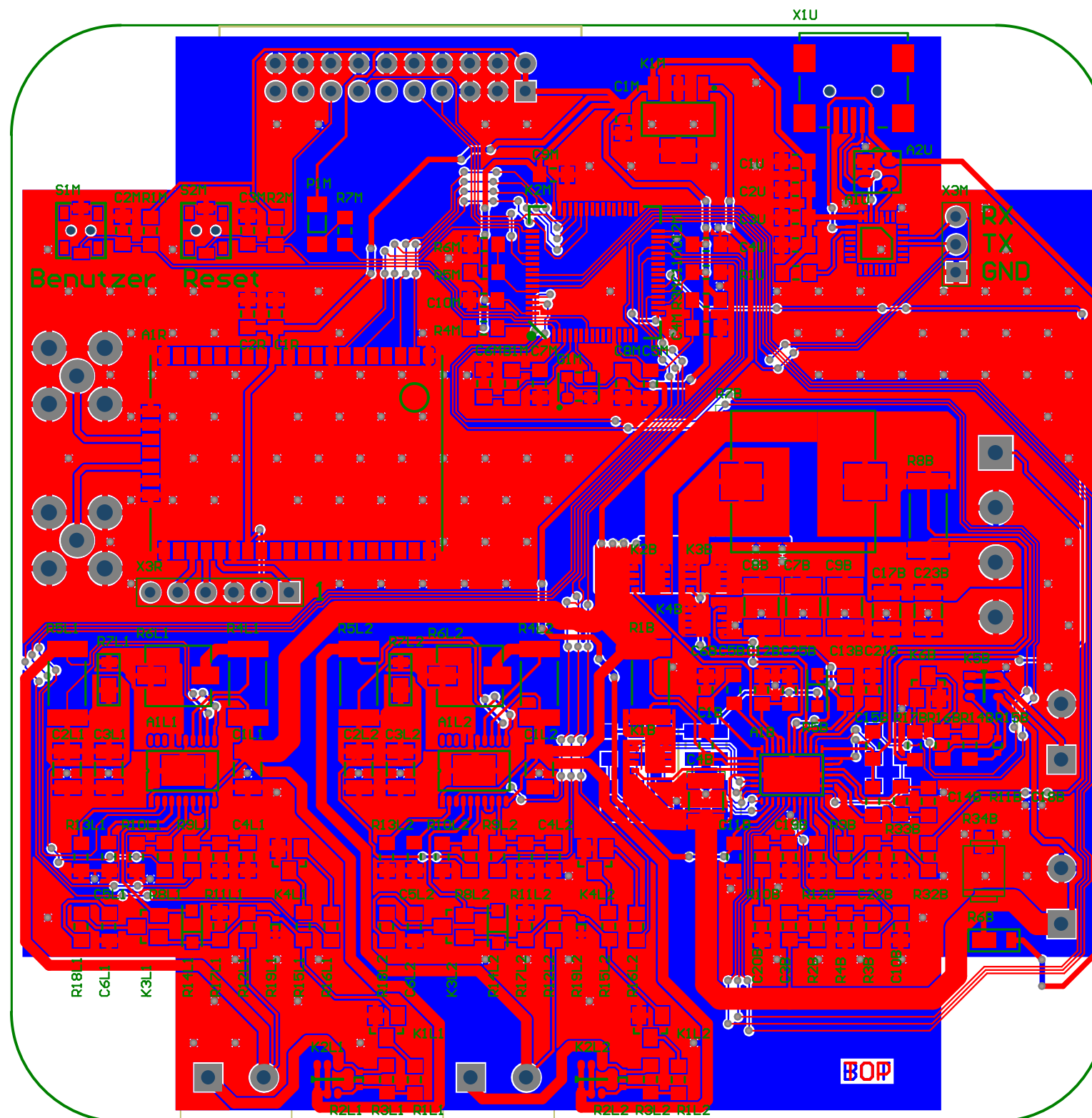
The diagram shows the X2M module with a 2x10 pin header. The connections are as follows:

Signal	Pin
VDD	1, 20
SWDIO	PA13 (Pin 3)
SWCLK	PA14 (Pin 4)
SWO	PB3 (Pin 11)
NRST	Pin 13
GND	19

Wiring diagram for the X3M module:

- GND is connected to the ground of the module.
- UART2 TX is connected to pin 1 of the module.
- UART2 RX is connected to pin 2 of the module.
- The module has a 3-pin header labeled X3M and Header 3pin.

Title MCU			* * * *	
Size: A4	Number:*	Revision:*		
Date: 30.12.2017	Time: 09:28:29	Sheet 6 of 6		
File: D:\OneDrive\09_WS 2017\10_Studienassistent\01_PCB\LED_Box\MCU.SchDoc				



5mm Radius

Board S