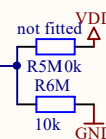
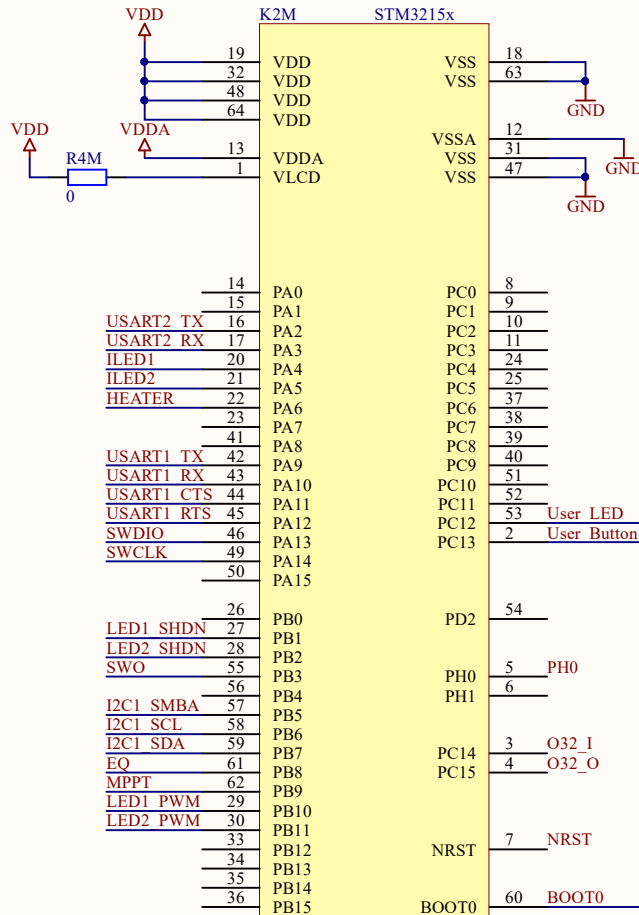
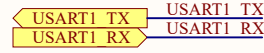
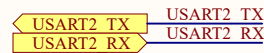
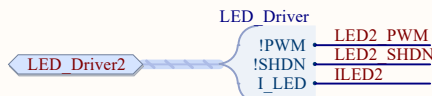
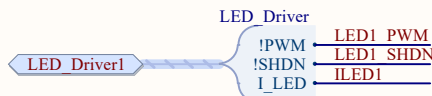
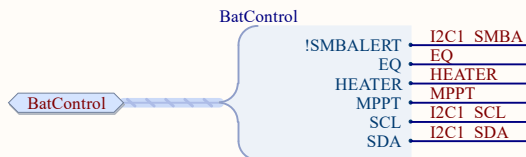
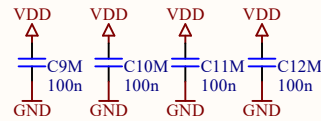
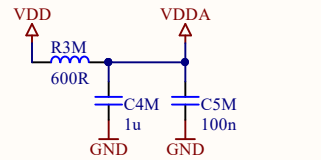


LDO - Versorgung MCU und Radio:

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



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			

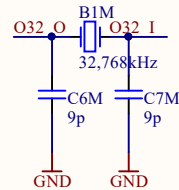


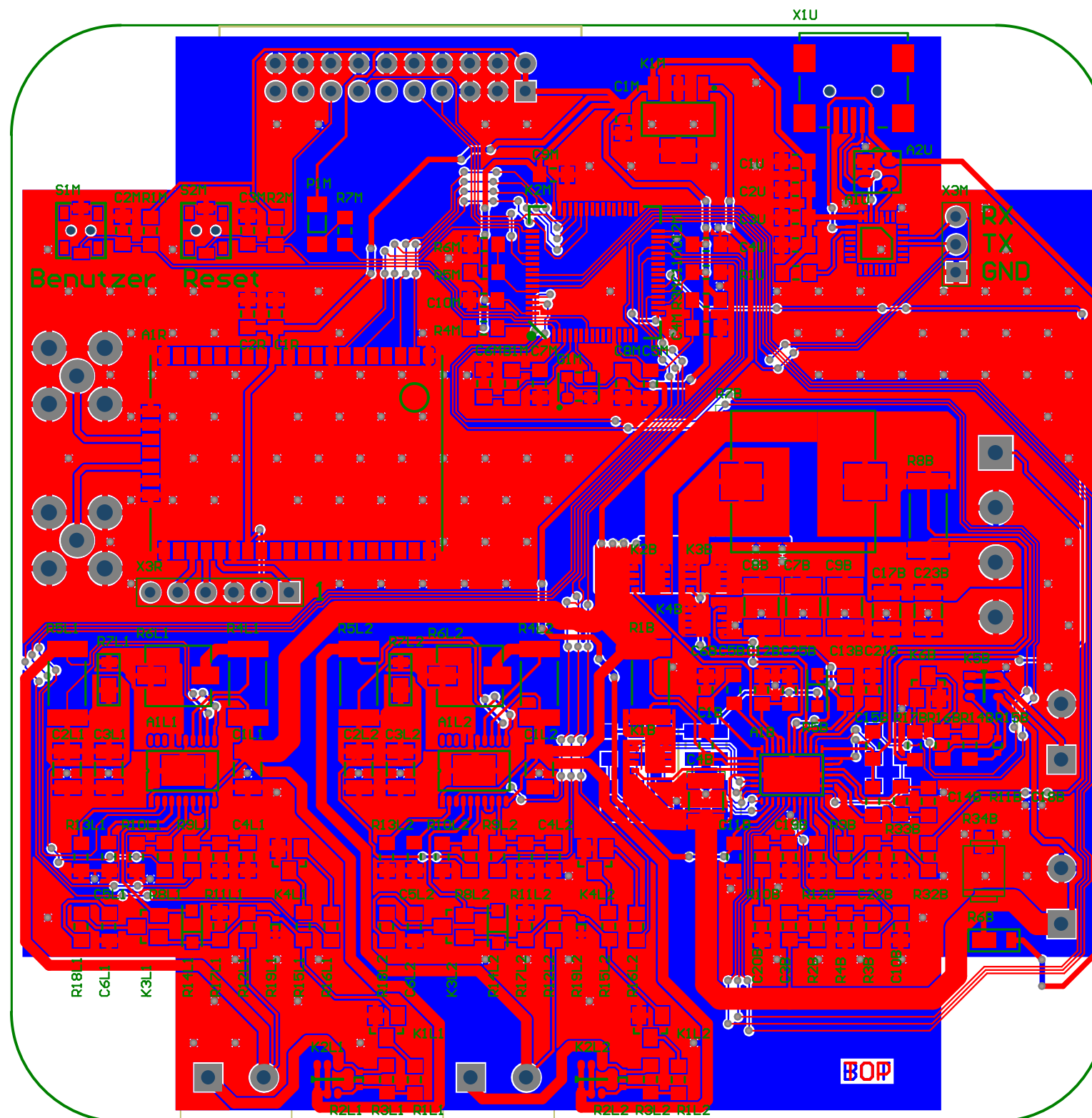
Diagram illustrating the pin connections for the X2M module. The module is connected to a 2x10pin header. The connections are as follows:

- Pin 1: VDD
- Pin 2: VDD
- Pin 3: SWDIO (PA13)
- Pin 4: SWCLK (PA14)
- Pin 5: SWO (PB3)
- Pin 6: NRST
- Pin 7: GND
- Pin 8: GND
- Pin 9: GND
- Pin 10: GND
- Pin 11: GND
- Pin 12: GND
- Pin 13: GND
- Pin 14: GND
- Pin 15: GND
- Pin 16: GND
- Pin 17: GND
- Pin 18: GND
- Pin 19: GND
- Pin 20: GND

Header 2x10pin

Diagram illustrating the wiring for the X3M module:

- Pin 1: GND
- Pin 2: USART2 TX
- Pin 3: USART2 RX



5mm Radius

Board S