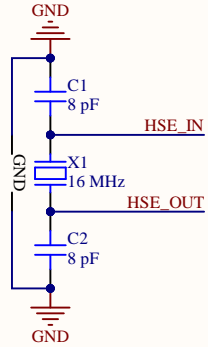
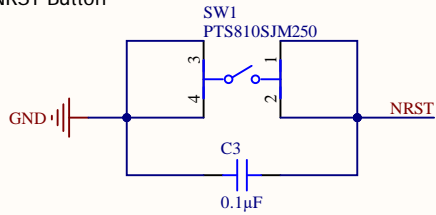


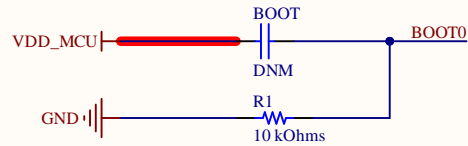
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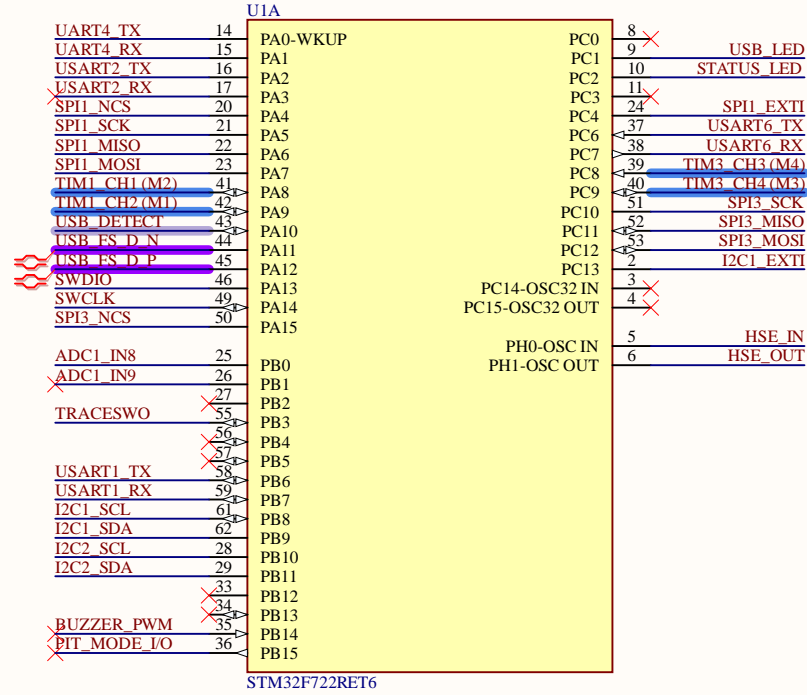
NRST Button



BOOT0 Button



MCU



Target pinout

- SPI1 - IMU
- SPI3 - OSD
- I2C1 - COMPASS
- I2C2 - BARO
- TIM1_CH1/2 - MOTORS
- TIM3_CH3/4 - MOTORS
- ADC1_IN0/1 - BATT/CURR SENS
- USART1 - GPS
- USART2_TX - SMART AUDIO
- UART4 - SPARE CONNECTOR
- USART6 - RECEIVER

Title: MCU

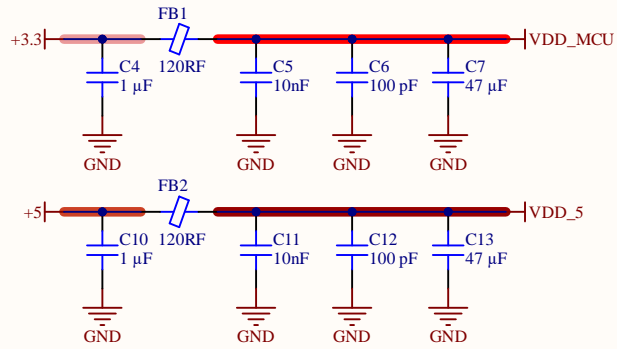
Project: Thesis_FC_F7.PrjPcb

Organization: Wroclaw University of Science and Technology

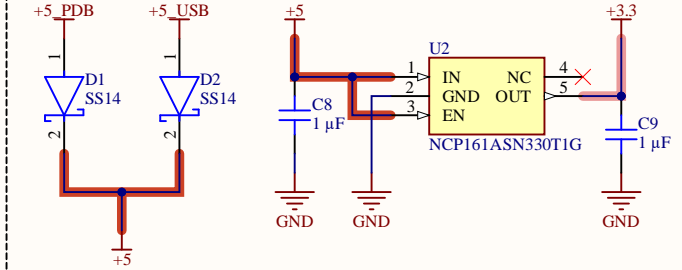
Date: 06.11.2022 Size: A4 Author: Miłosz Werner

File: MCU.SchDoc Sheet 1 Of 5 Revision: 1.0

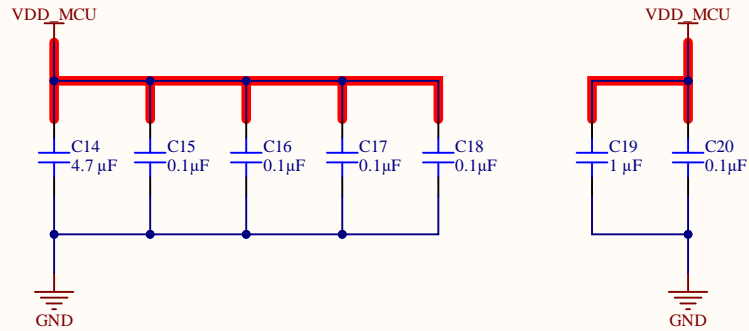
Power Filters



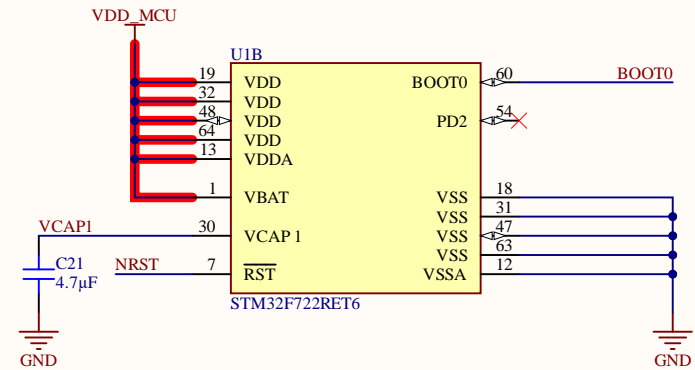
5V Schottkys & 3.3V Reg



MCU Decoupling



MCU Power



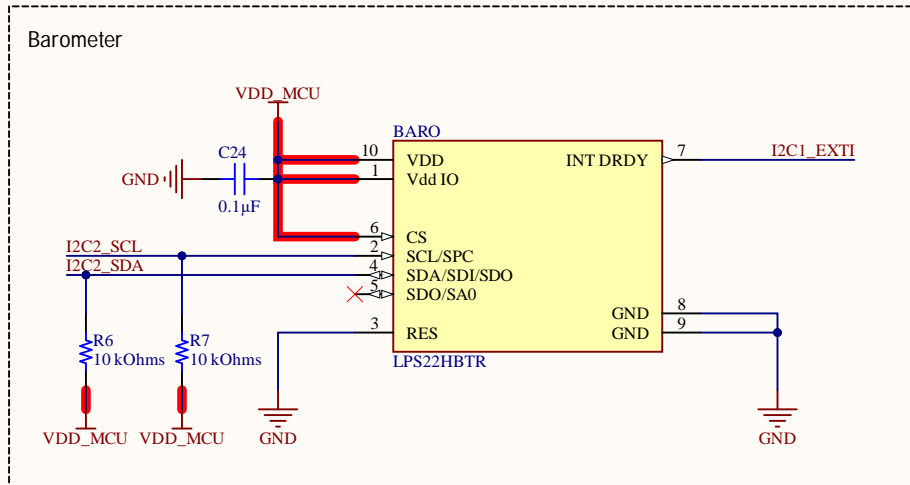
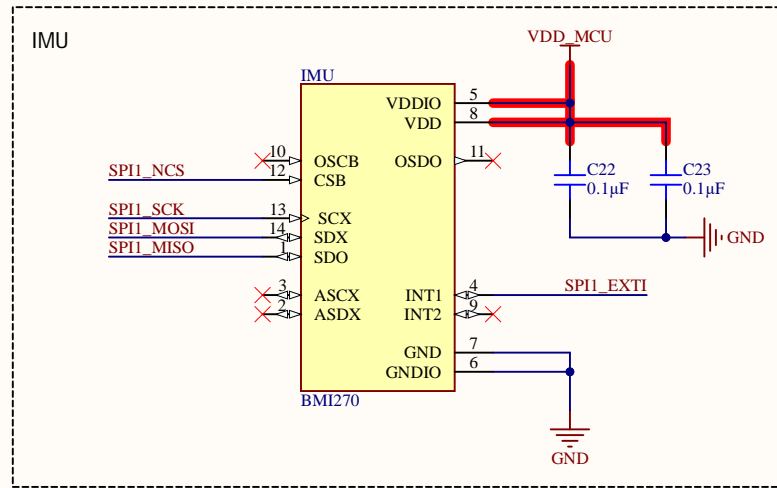
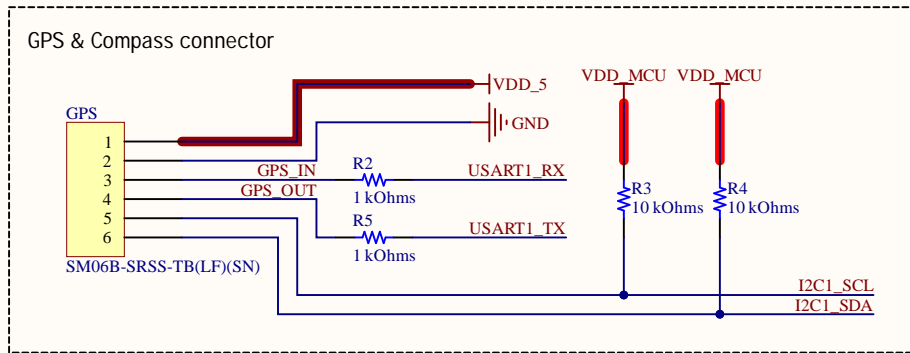
Title: **Power Distribution**

Project: Thesis_FC_F7.PrjPcb

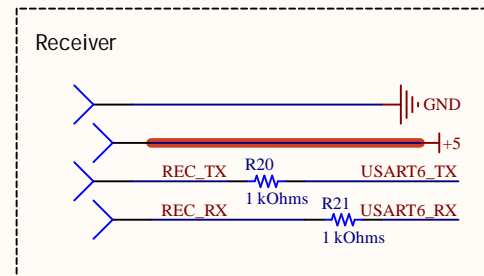
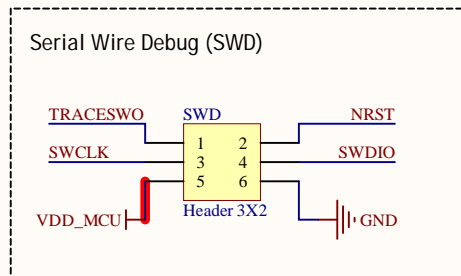
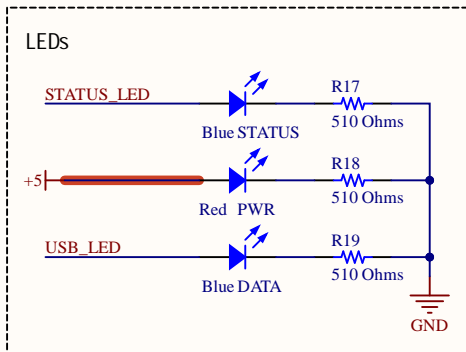
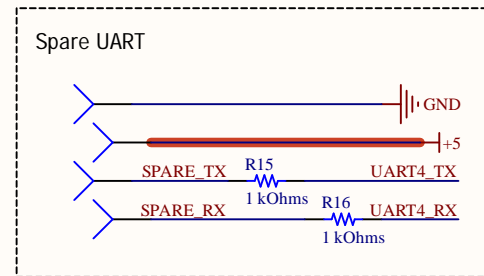
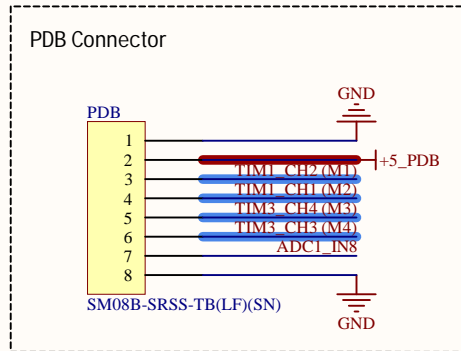
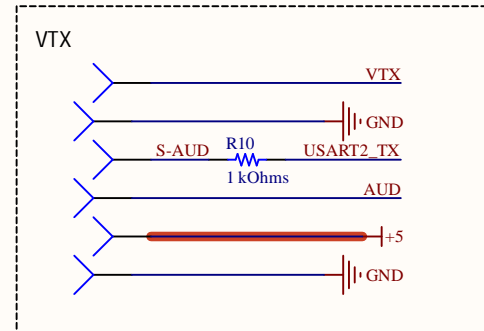
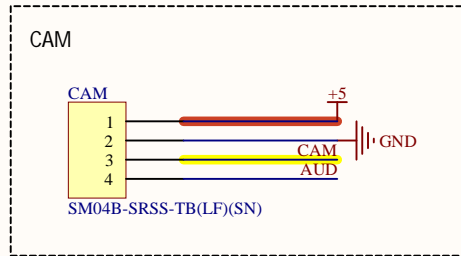
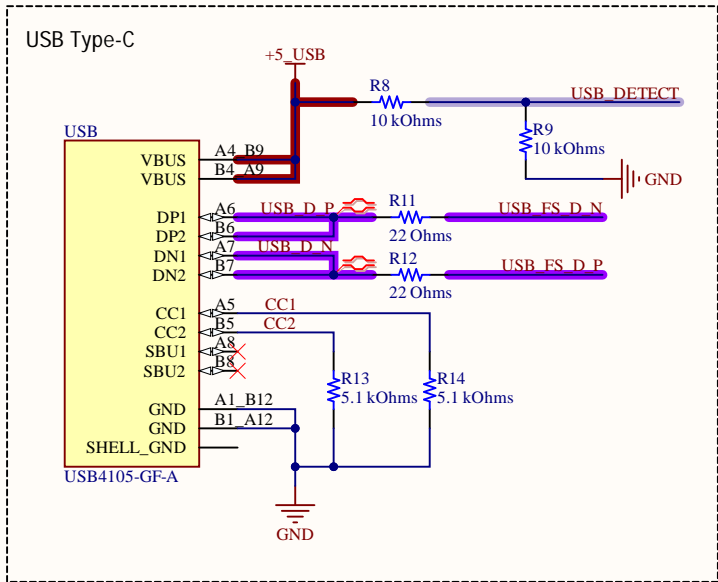
Organization: Wrocław University of Science and Technology

Date: 06.11.2022 | Size: A4 | Author: Miłosz Werner

File: Power Distribution.SchDoc | Sheet 2 Of 5 | Revision: 1.0



Title: Sensors			
Project: Thesis_FC_F7.PrjPcb			
Organization: Wroclaw University of Science and Technology			
Date: 06.11.2022	Size: A4	Author: Miłosz Werner	
File: Sensors.SchDoc	Sheet 3 Of 5	Revision: 1.0	



Title:	Peripherals		
Project:	Thesis_FC_F7.PrjPcb		
Organization:	Wroclaw University of Science and Technology		
Date:	06.11.2022	Size:	A4
File:	Peripherals.SchDoc	Author:	Milosz Werner
		Sheet	4 Of 5
		Revision:	1.0

