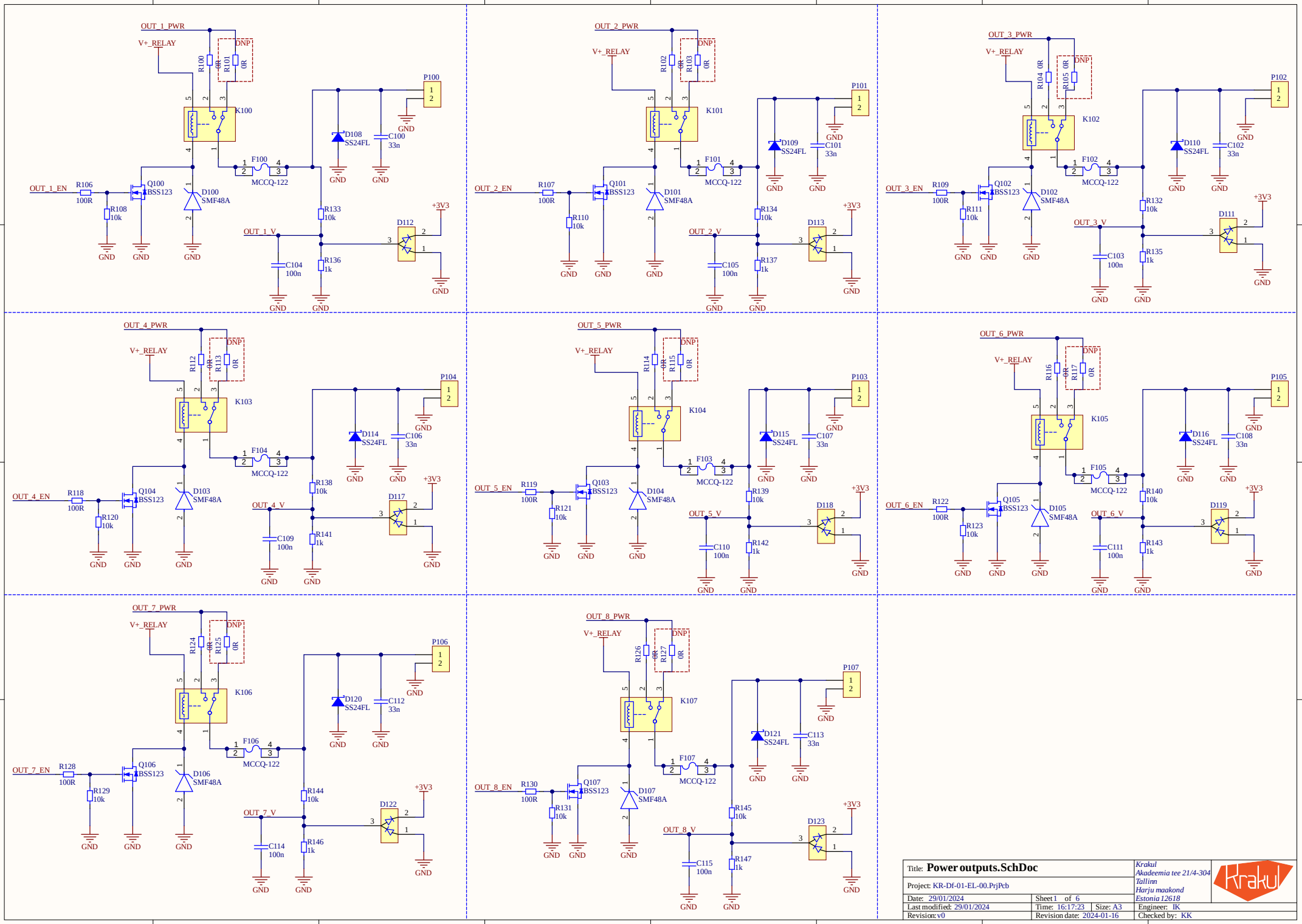
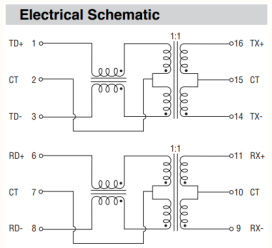
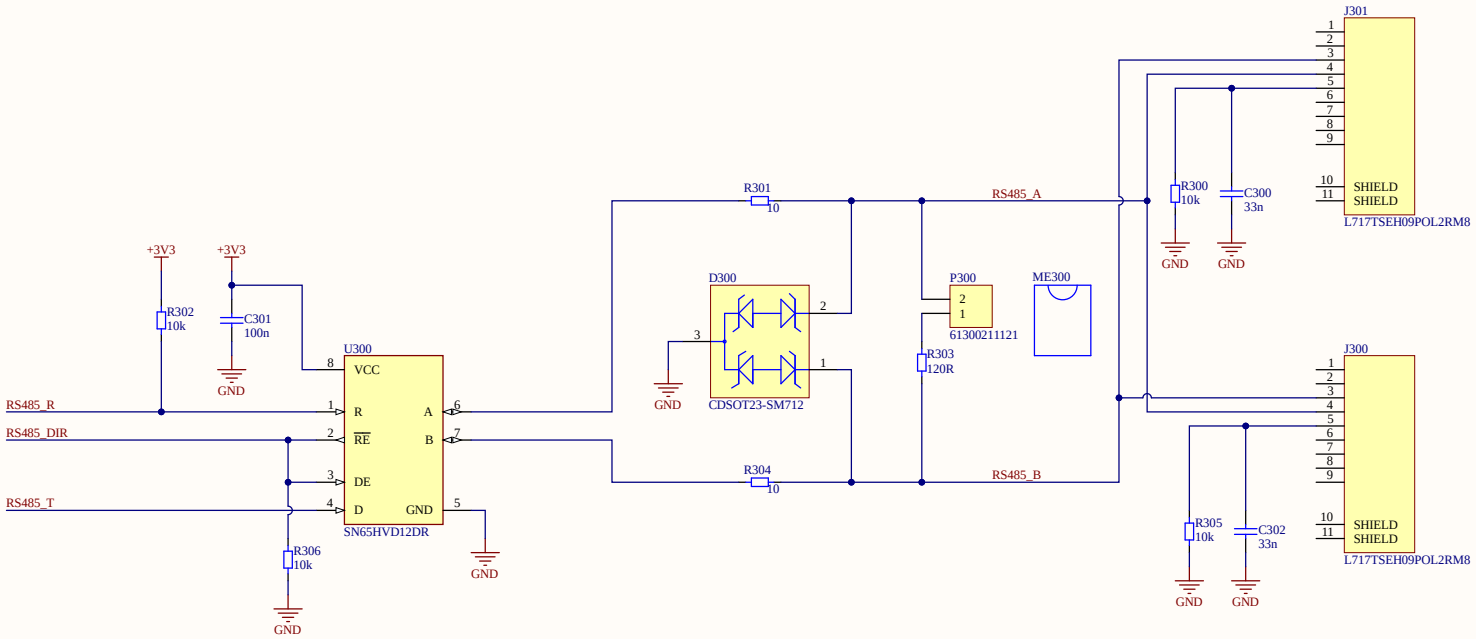


Title: **Power outputs.SchDoc**		Krakul Akadeemia tee 21/4-304 Tallinn Harju maakond Estonia 12618
Project: KR-Df-01-EL-00.PrjPcb		
Date: 29/01/2024	Sheet 1 of 6	
Last modified: 29/01/2024	Time: 16:17:23 | Size: A3	Engineer: IK
Revision: v0	Revision date: 2024-01-16	Checked by: KK

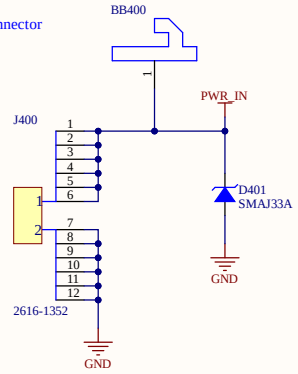


Title: **Ethernet.SchDoc**			Krakul Akadeemia tee 21/4-304 Tallinn Harju maakond Estonia 12618
Project: KR-Df-01-EL-00.PrjPcb			
Date: 29/01/2024	Sheet 2 of 6		Engineer: IK
Last modified: 29/01/2024	Time: 16:17:24	Size: A3	
Revision: v0	Revision date: 2024-01-16		Checked by: KK

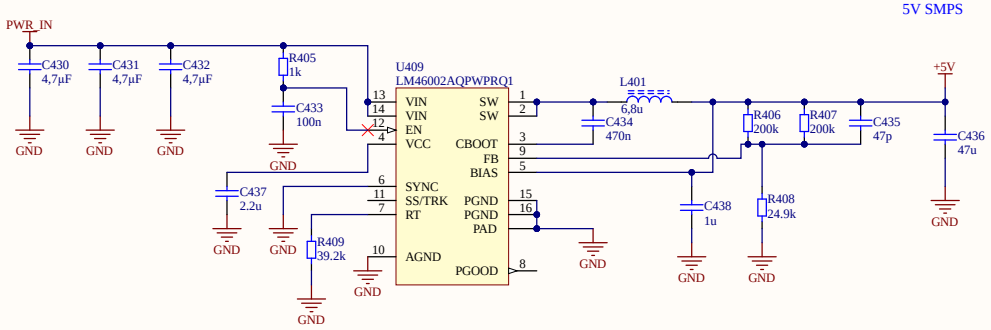


Title: **RS485.SchDoc**			*Krakul* *Akadeemia tee 21/4-304* *Tallinn* *Harju maakond* *Estonia 12618*
Project: KR-Df-01-EL-00.PrjPcb			
Date: 29/01/2024	Sheet 3 of 6		
Last modified: 25/01/2024	Time: 16:17:24	Size: A3	Engineer: IK
Revision: v0	Revision date: 2024-01-16		Checked by: KK

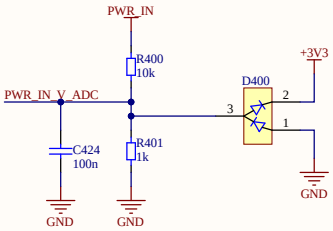
Main Connector



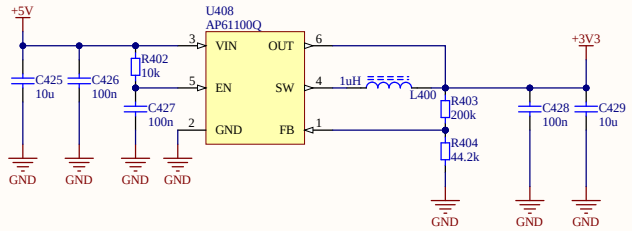
5V SMPS



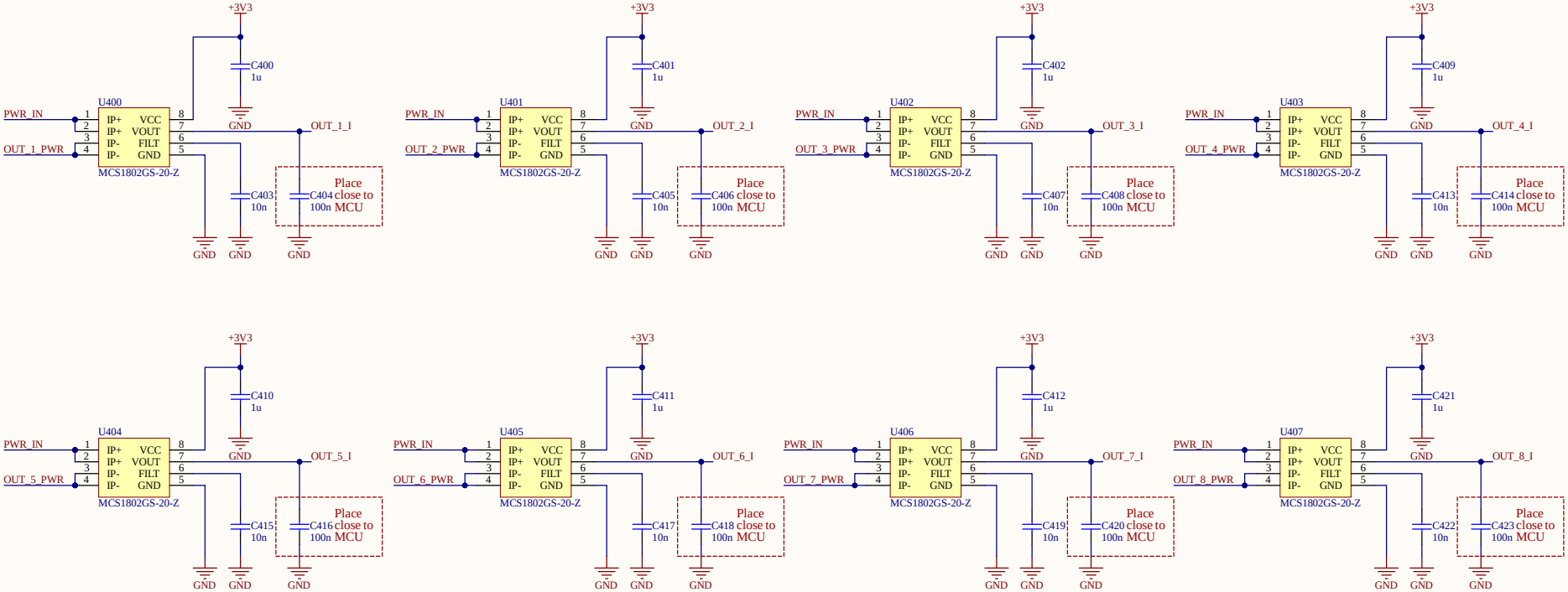
3.3V SMPS



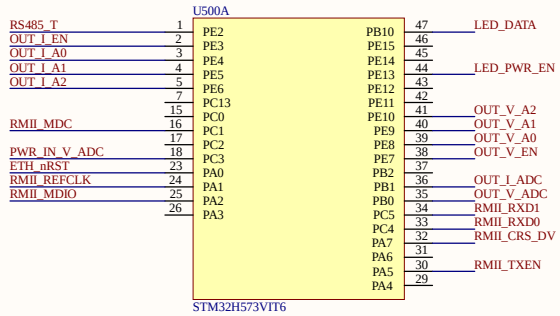
3.3V SMPS

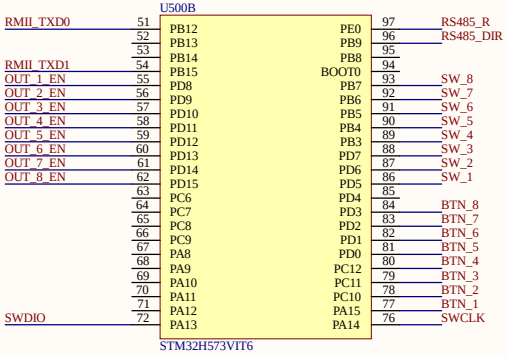


Current measurement

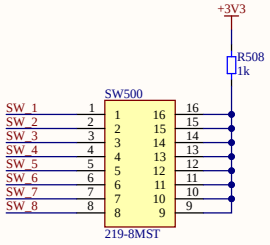


Title: **Power input.SchDoc**		Krakul Akadeemia tee 21/4-304 Tallinn Harju maakond Estonia 12618
Project: KR-Df-01-EL-00.PrjPcb		
Date: 29/01/2024	Sheet 4 of 6	
Last modified: 29/01/2024	Time: 16:17:25 Size: A3	Engineer: IK
Revision: v0	Revision date: 2024-01-16	Checked by: KK

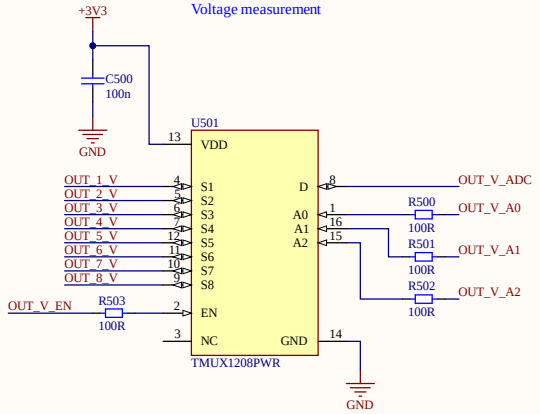




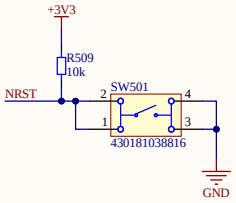
Confiscuration switch



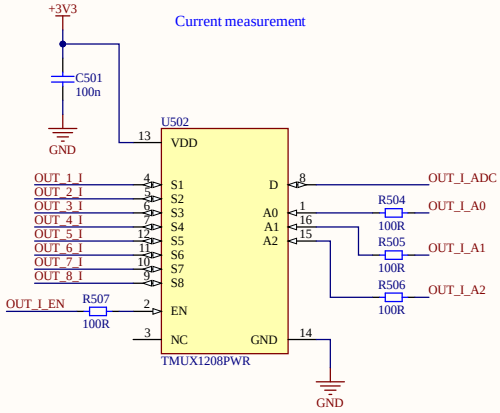
Voltage measurement



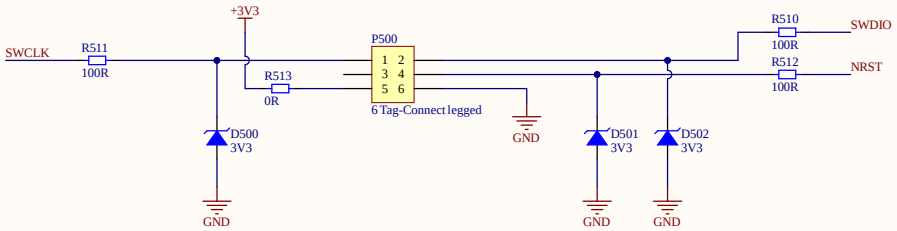
Reset switch



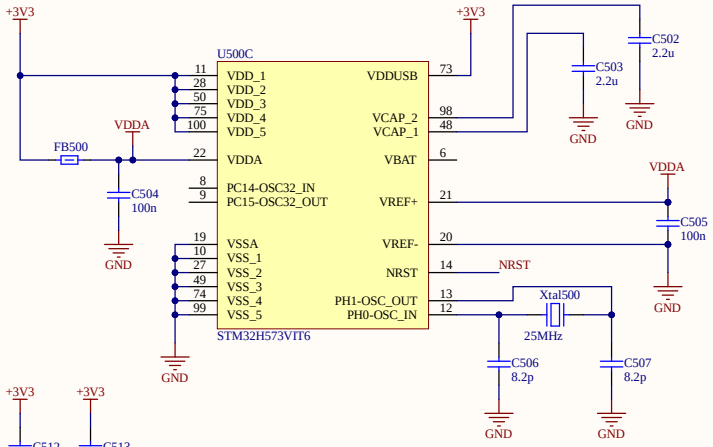
Current measurement



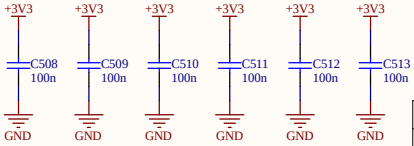
Debug header



Power and Crystal



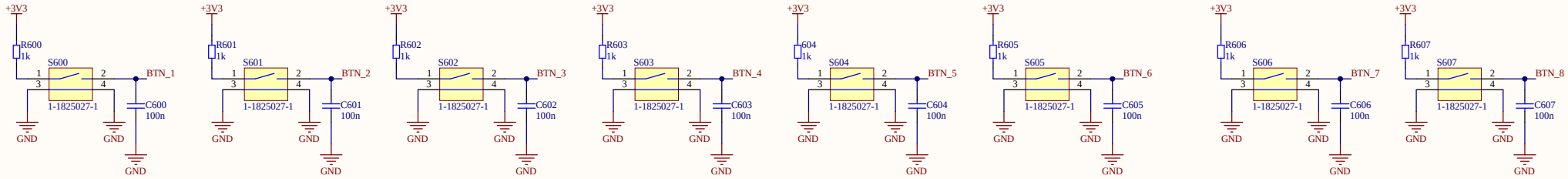
VDD and VDDUSB



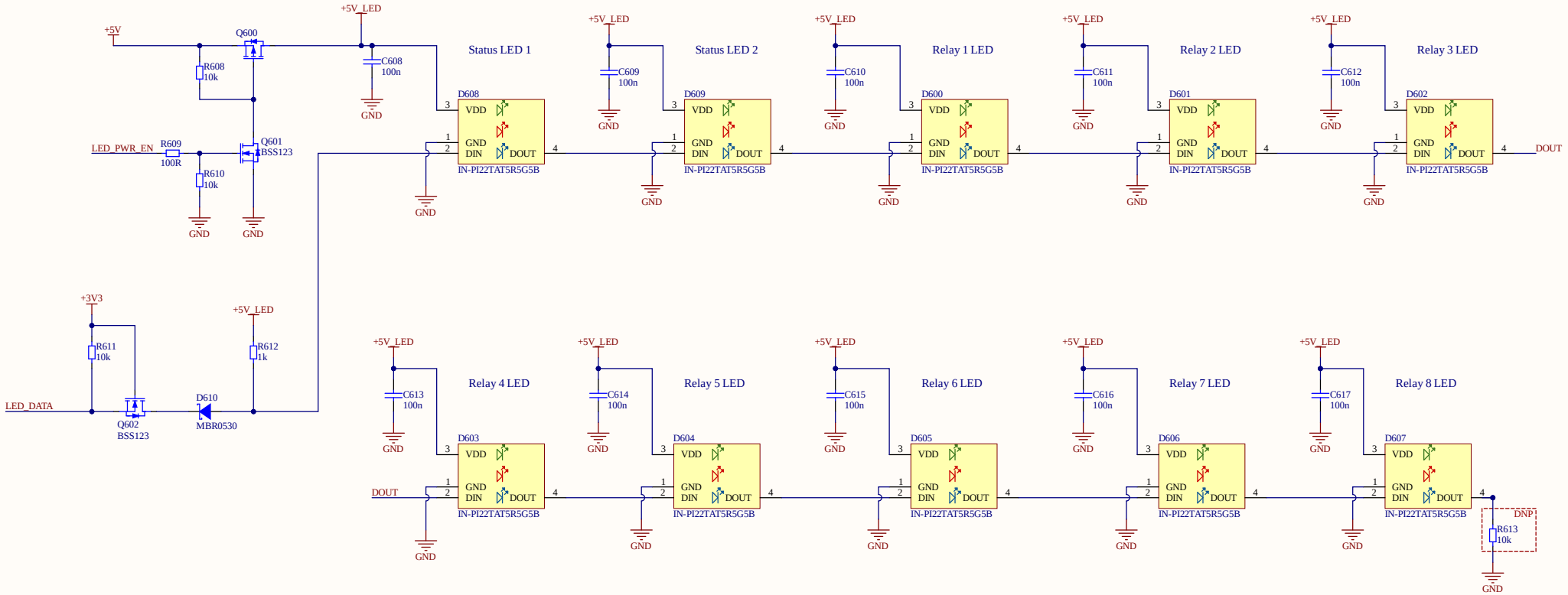
Title: **MCU.SchDoc**		Krakul Akadeemia tee 21/4-304 Tallinn Harju maakond Estonia 12618
Project: KR-Df-01-EL-00.PrjPcb		
Date: 29/01/2024	Sheet 5 of 6	
Last modified: 29/01/2024	Time: 16:17:25 | Size: A3	Engineer: IK
Revision: v0	Revision date: 2024-01-16	Checked by: KK

Buttons

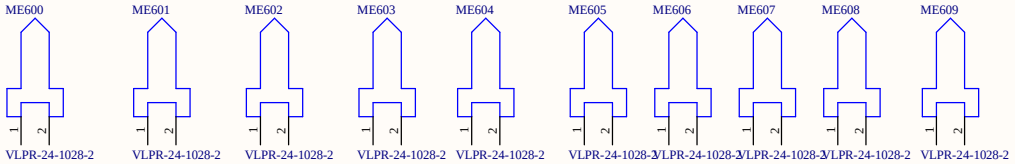
NB! Enable internal weak pull-downs in the MCU for BTN pins.



RGB LEDs



Light Guides



Title: **LEDs_Switches.SchDoc**		Krakul Akadeemia tee 21/4-304 Tallinn Harju maakond Estonia 12618
Project: KR-Df-01-EL-00.PrjPcb		
Date: 29/01/2024	Sheet 6 of 6	Engineer: IK
Last modified: 17/01/2024	Time: 16:17:26 / Size: A3	
Revision: v0	Revision date: 2024-01-16	Checked by: KK