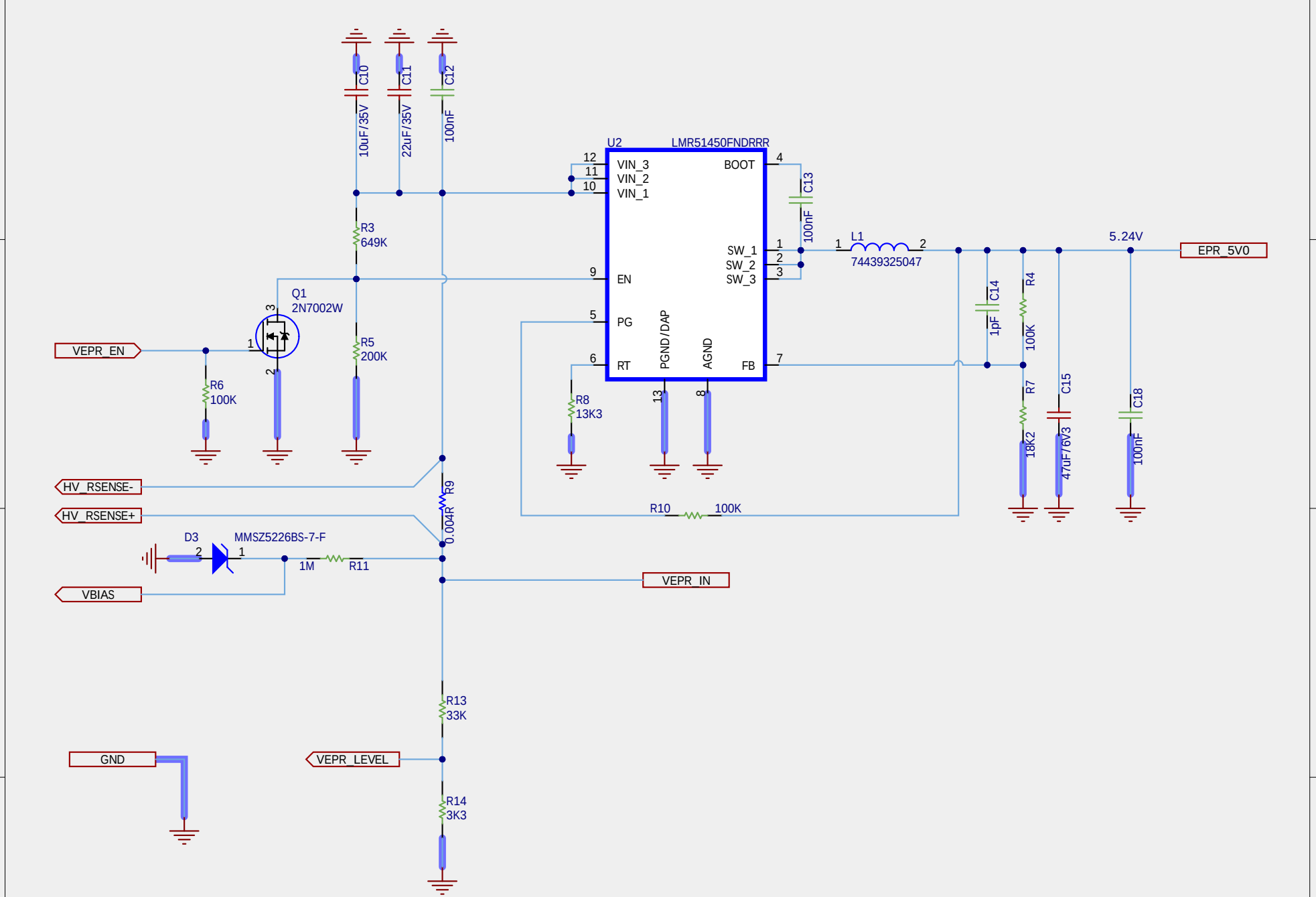
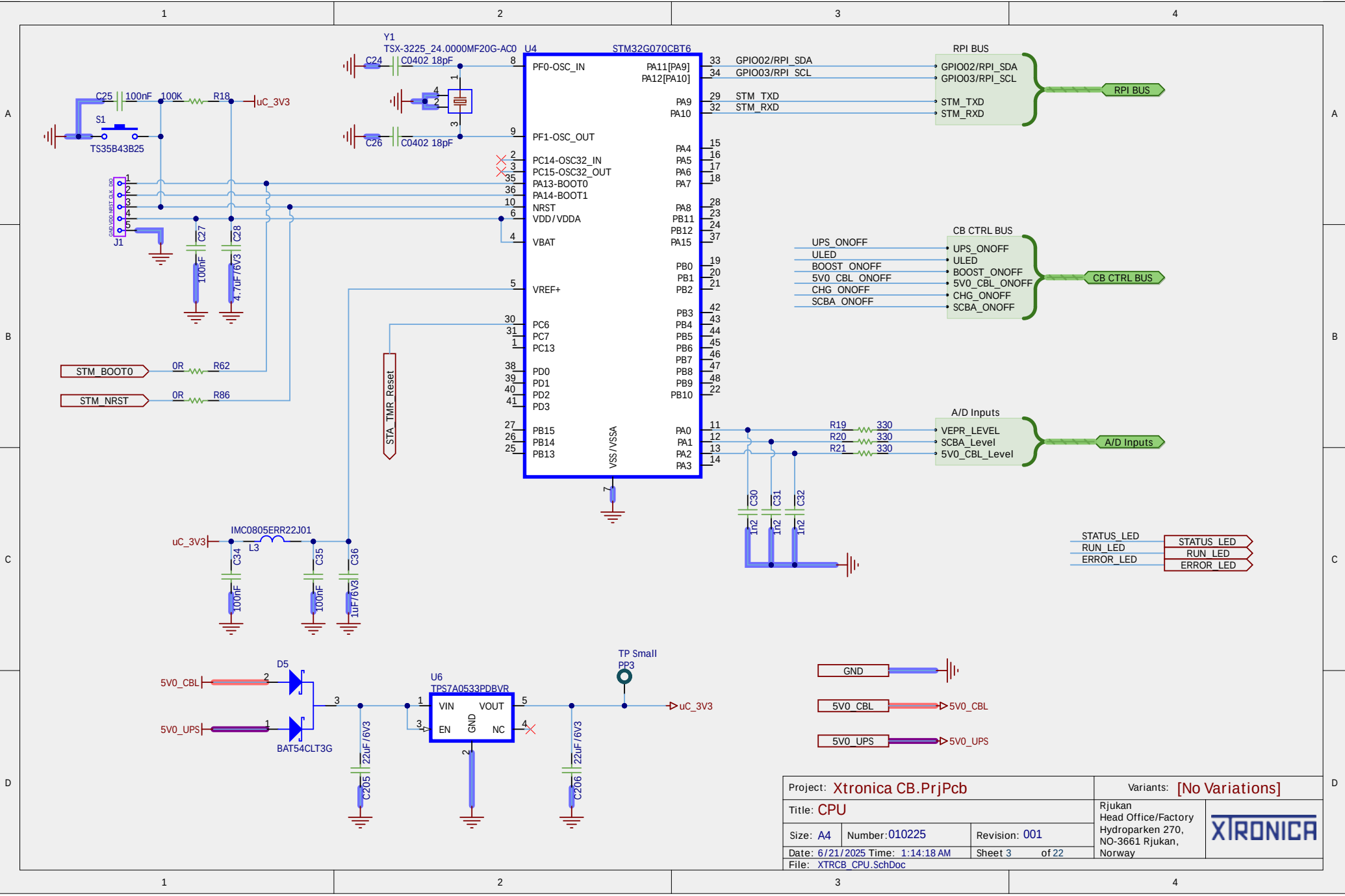
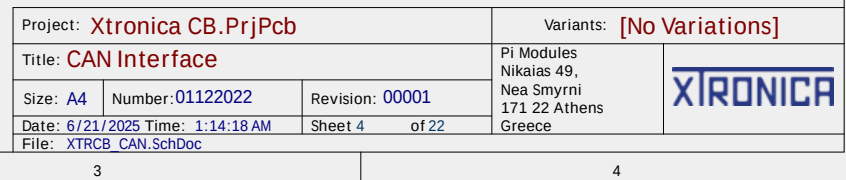


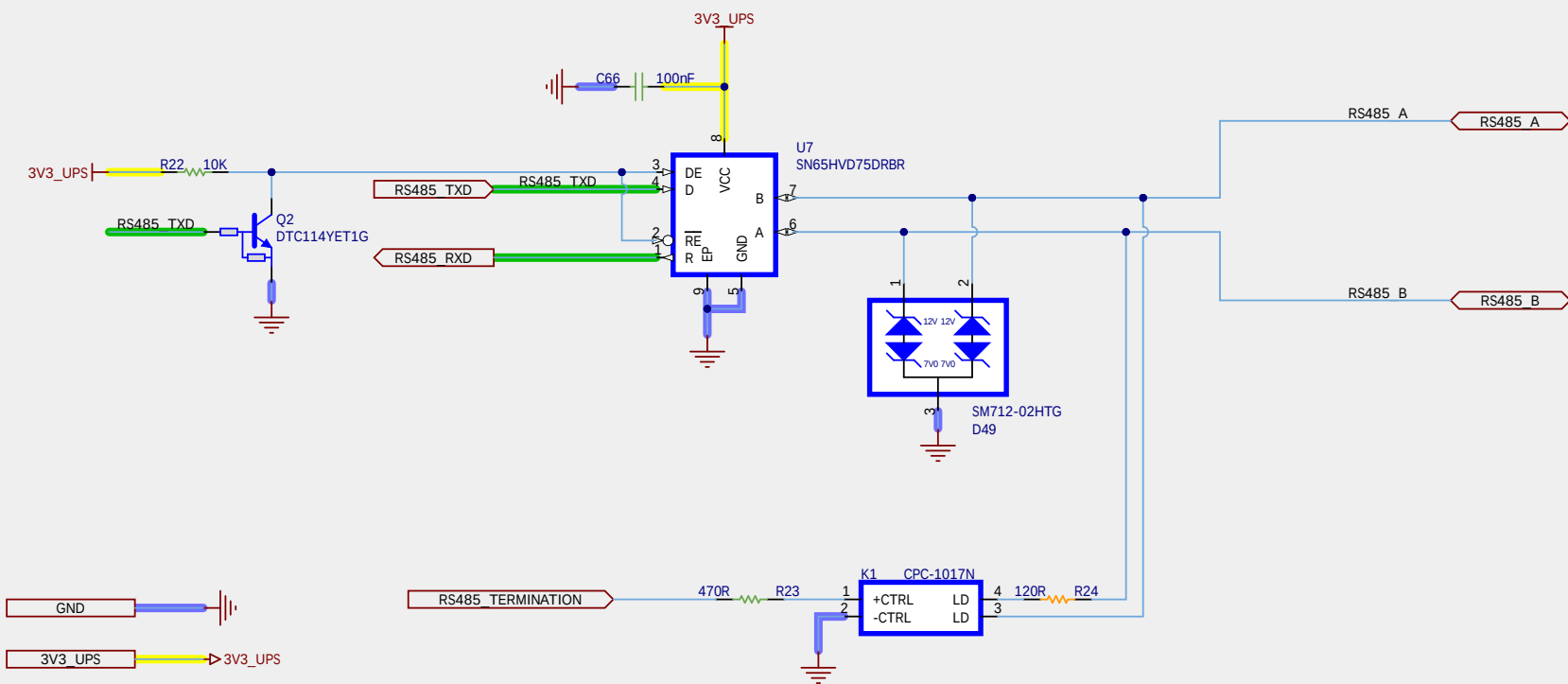


Project: Xtronica CB.PrjPcb			Variants: [No Variations]	
Title: Buck Converter			Rjukan Head Office/Factory Hydroparken 270, NO-3661 Rjukan, Norway XTRONICA	
Size: A	Number: 010225	Revision: 001		
Date: 6/21/2025 Time: 1:14:18 AM		Sheet 2 of 22		
File: XTRCB_HV_PSU.SchDoc			www.forwardedge.ai/isidore	



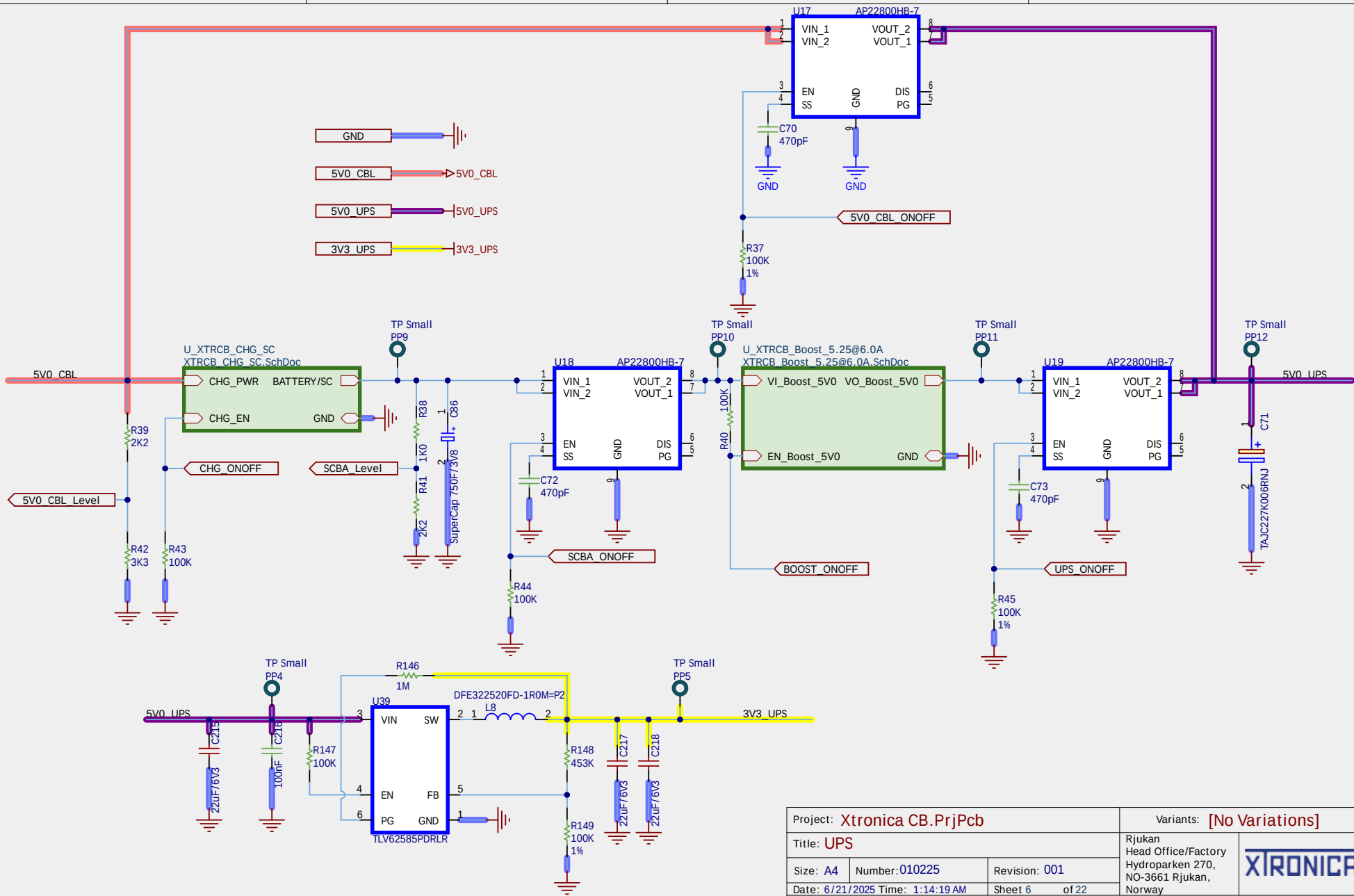
Project: Xtronica CB.PrjPcb			Variants: [No Variations]	
Title: CPU			Rjukan Head Office/Factory Hydroparken 270, NO-3661 Rjukan, Norway	
Size: A4	Number: 010225	Revision: 001		
Date: 6/21/2025	Time: 1:14:18 AM	Sheet 3 of 22		
File: XTRCB_CPU.SchDoc				



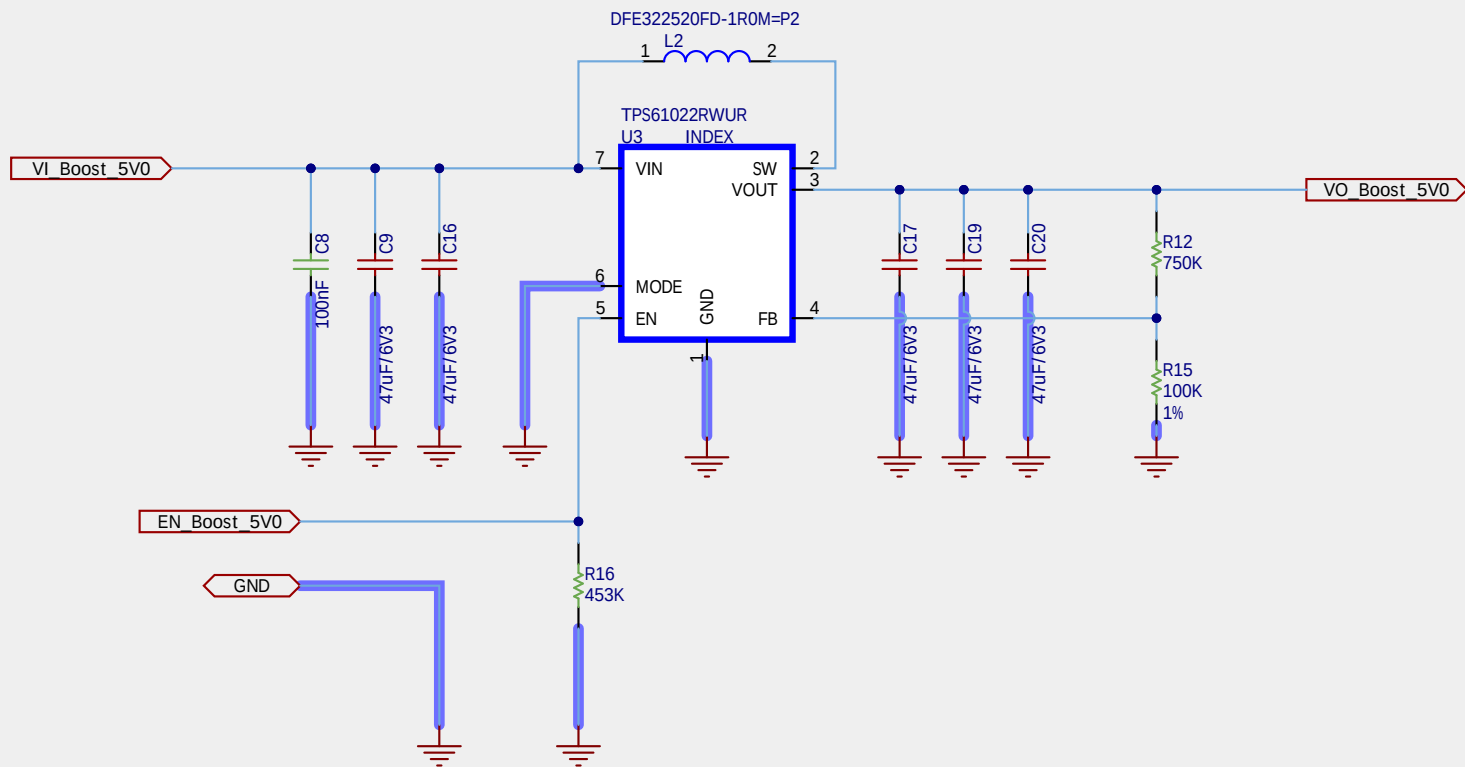


Project: Xtronica CB.PrjPcb			Variants: [No Variations]	
Title: RS485			Pi Modules Nikaïas 49, Nea Smyrni 171 22 Athens Greece XTRONICA	
Size: A4	Number: 01122022	Revision: 00001		
Date: 6/21/2025	Time: 1:14:19 AM	Sheet 5 of 22		
File: XTRCB_RS485.SchDoc				

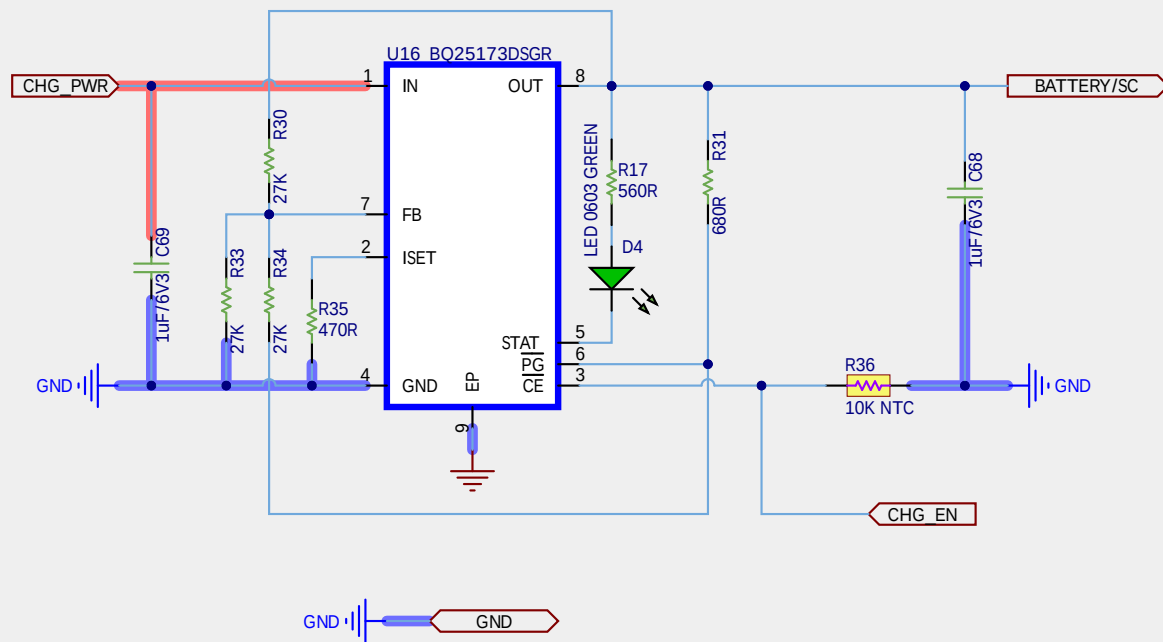
XTRONICA



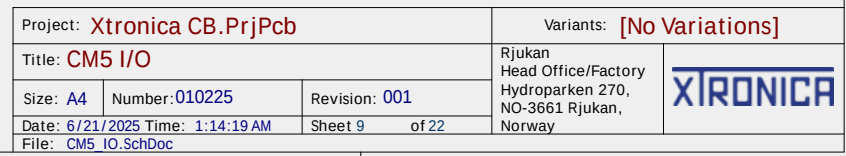
Project: Xtronica CB.PrjPcb			Variants: [No Variations]	
Title: UPS			Rjukan Head Office/Factory Hydroparken 270, NO-3661 Rjukan, Norway	
Size: A4	Number: 010225	Revision: 001		
Date: 6/21/2025 Time: 1:14:19 AM	Sheet 6	of 22		
File: XTRCB_UPS.SchDoc				

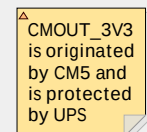


Project: Xtronica CB.PrjPcb			Variants: [No Variations]	
Title: 5.25@3A Boost Converter			Rjukan Head Office/Factory Hydroparken 270, NO-3661 Rjukan, Norway	
Size: A	Number: 010225	Revision: 001		
Date: 6/21/2025 Time: 1:14:19 AM		Sheet 7 of 22		
File: XTRCB Boost 5.25@6.0A.SchDoc				

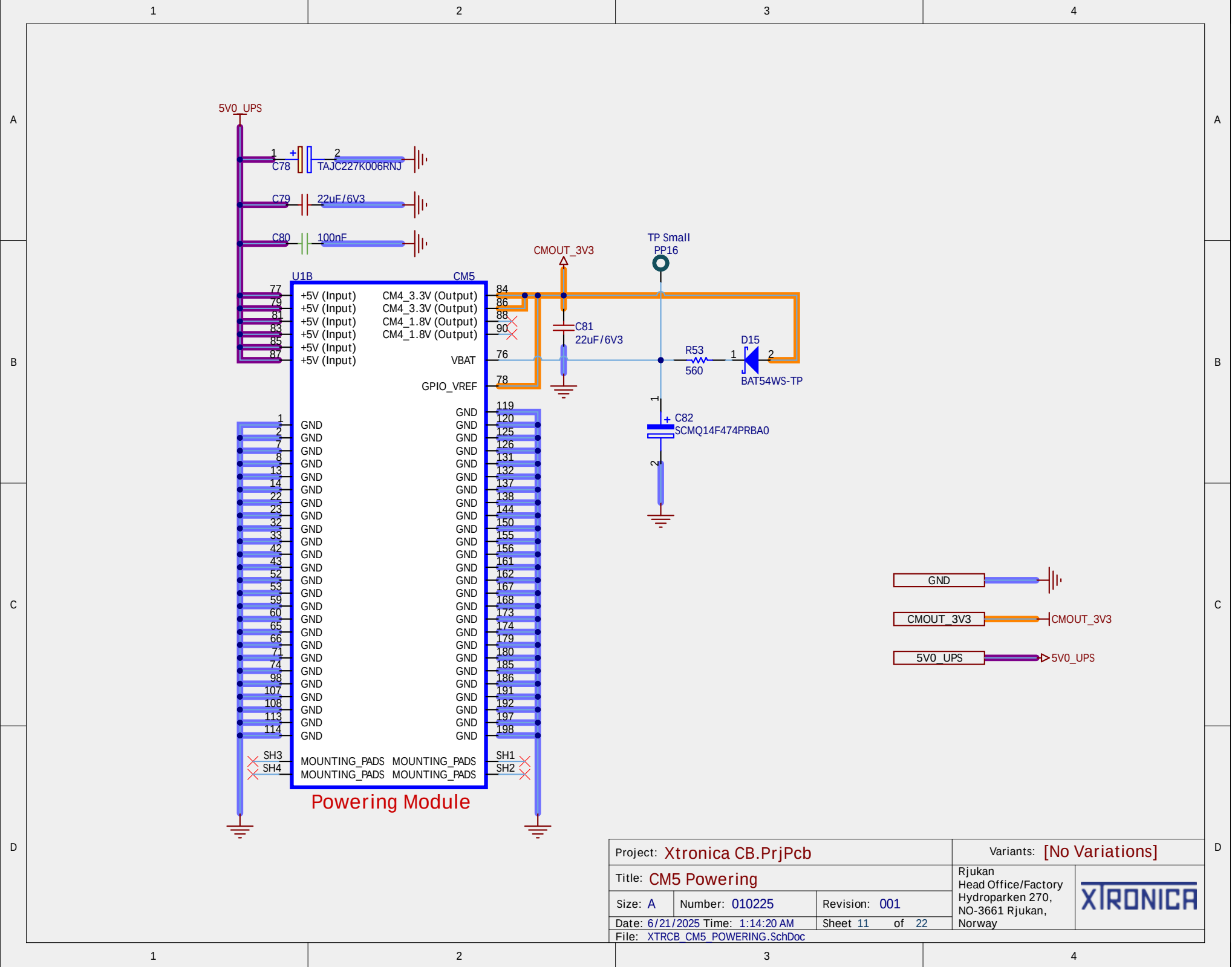


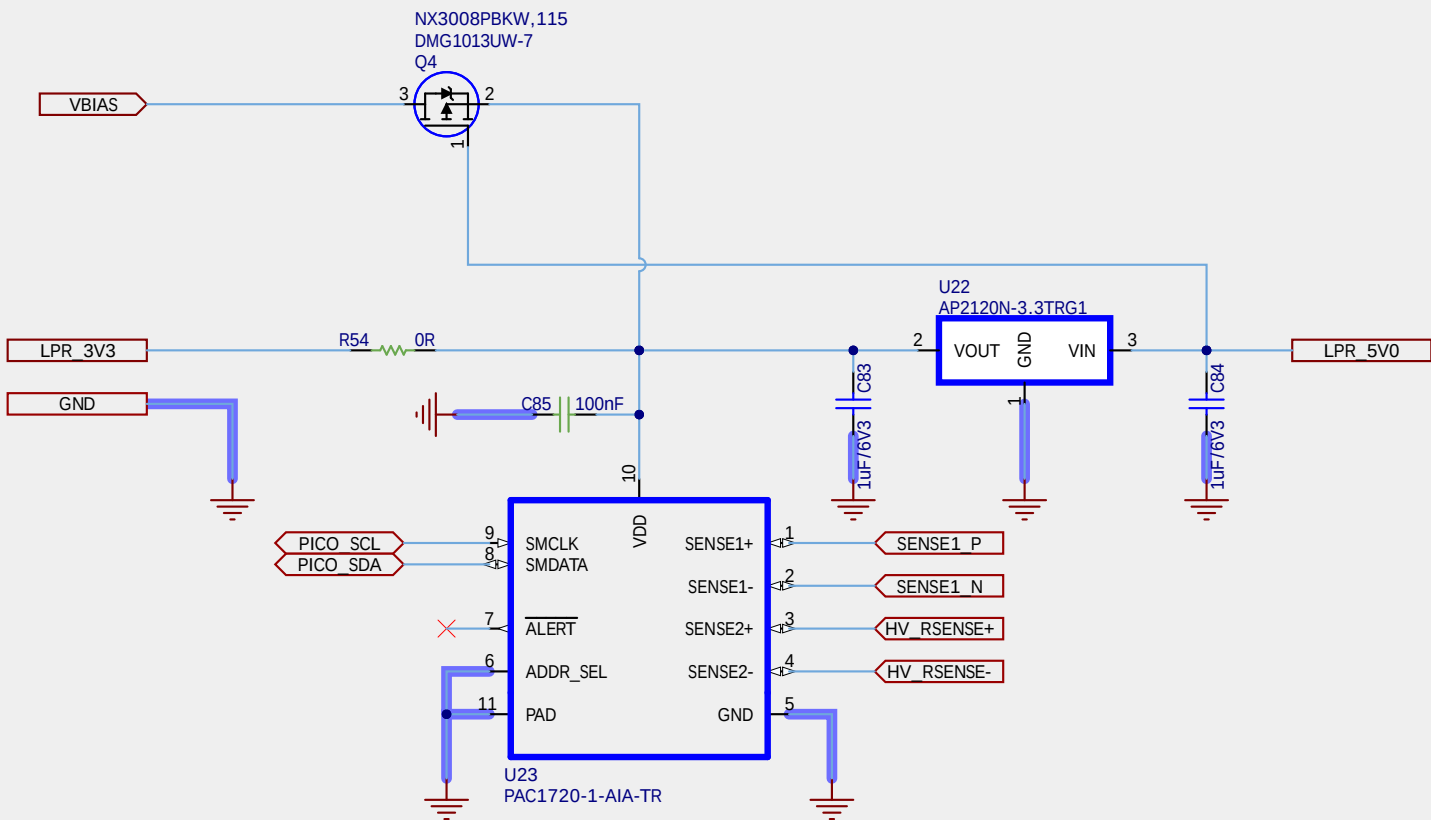
Project: Xtronica CB.PrjPcb			Variants: [No Variations]	
Title: Super Capaciotr Charger 800mA			Rjukan Head Office/Factory Hydroparken 270, NO-3661 Rjukan, Norway	
Size: A	Number: 010225	Revision: 001		
Date: 6/21/2025 Time: 1:14:19 AM	Sheet 8 of 22			
File: XTRCB_CHG_SC.SchDoc				





XTRONICA

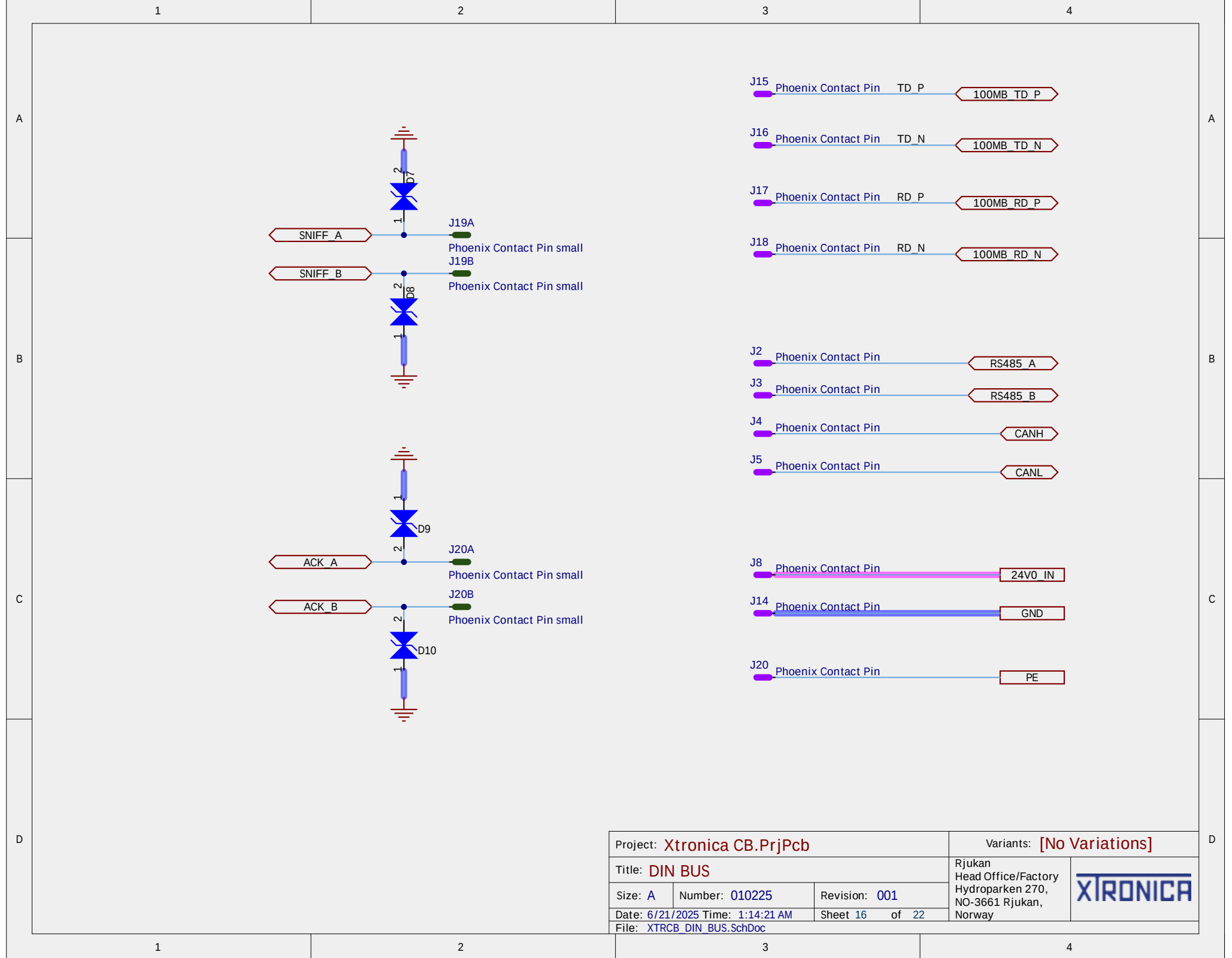




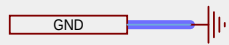
Project: Xtronica CB.PrjPcb			Variants: [No Variations]	
Title: Current Sensor			Rjukan Head Office/Factory Hydroparken 270, NO-3661 Rjukan, Norway	
Size: A	Number: 010225	Revision: 001		
Date: 6/21/2025 Time: 1:14:20 AM		Sheet 12 of 22		
File: XTRCB_Current_Sensor.SchDoc				



Project: Xtronica CB.PrjPcb			Variants: [No Variations]	
Title: USB3.0 x 1			Rjukan Head Office/Factory Hydroparken 270, NO-3661 Rjukan, Norway	
Size: A4	Number: 010225	Revision: 001		
Date: 6/21/2025 Time: 1:14:20 AM		Sheet 13 of 22		
File: XTRCB 1xUSB3 0.SchDoc				

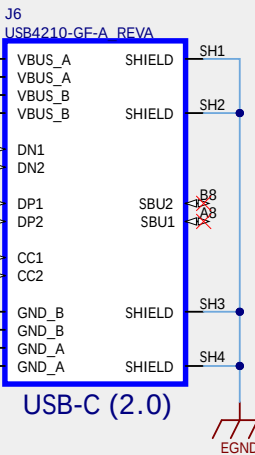
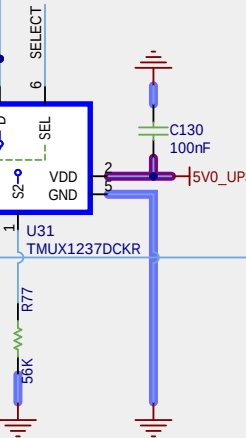
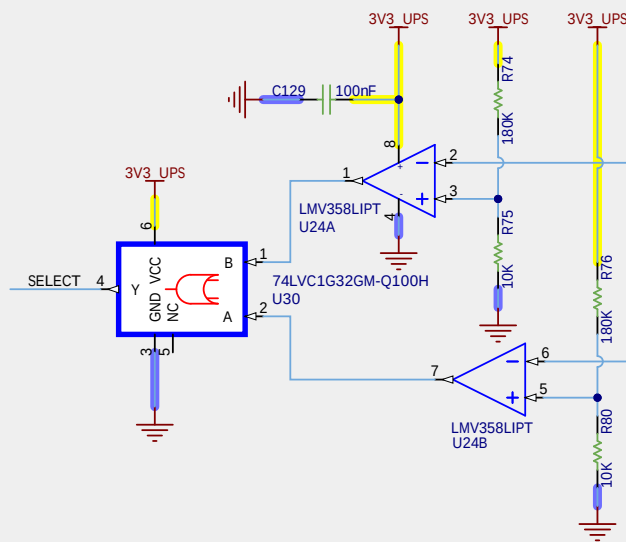
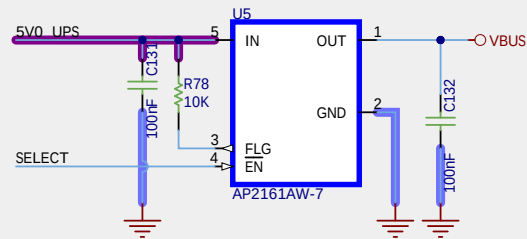
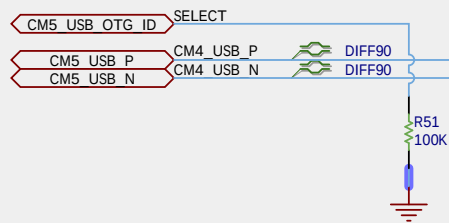


Project: Xtronica CB.PrjPcb			Variants: [No Variations]	
Title: DIN BUS			Rjukan Head Office/Factory Hydroparken 270, NO-3661 Rjukan, Norway	
Size: A	Number: 010225	Revision: 001		
Date: 6/21/2025 Time: 1:14:21 AM		Sheet 16 of 22		
File: XTRCB DIN BUS.SchDoc				

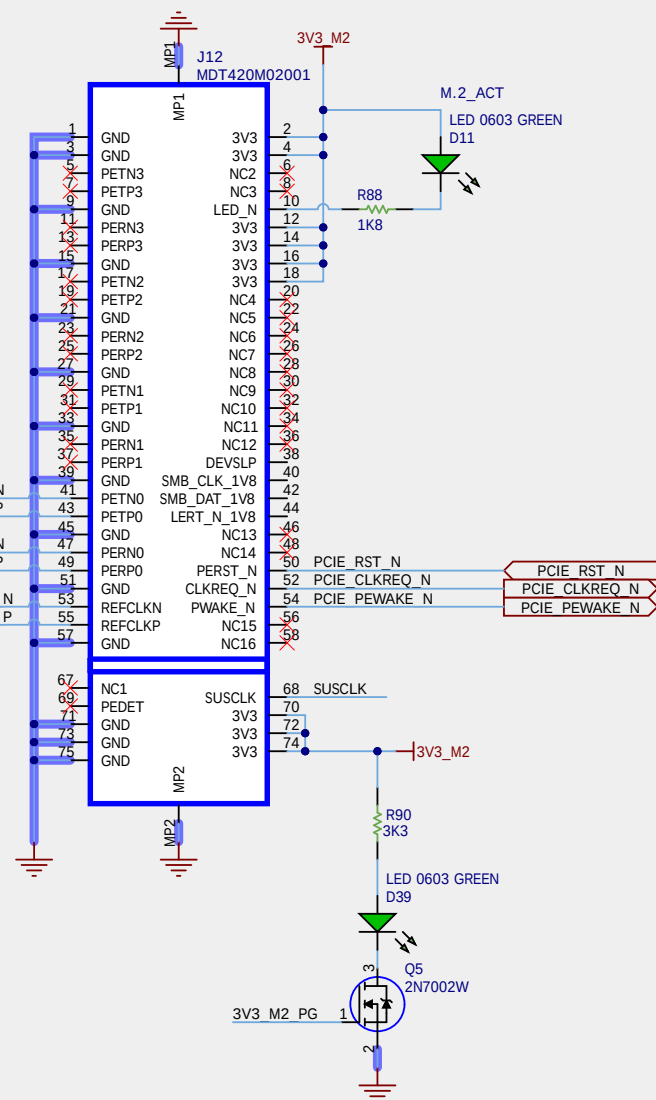


5V0_UPS → 5V0_UPS

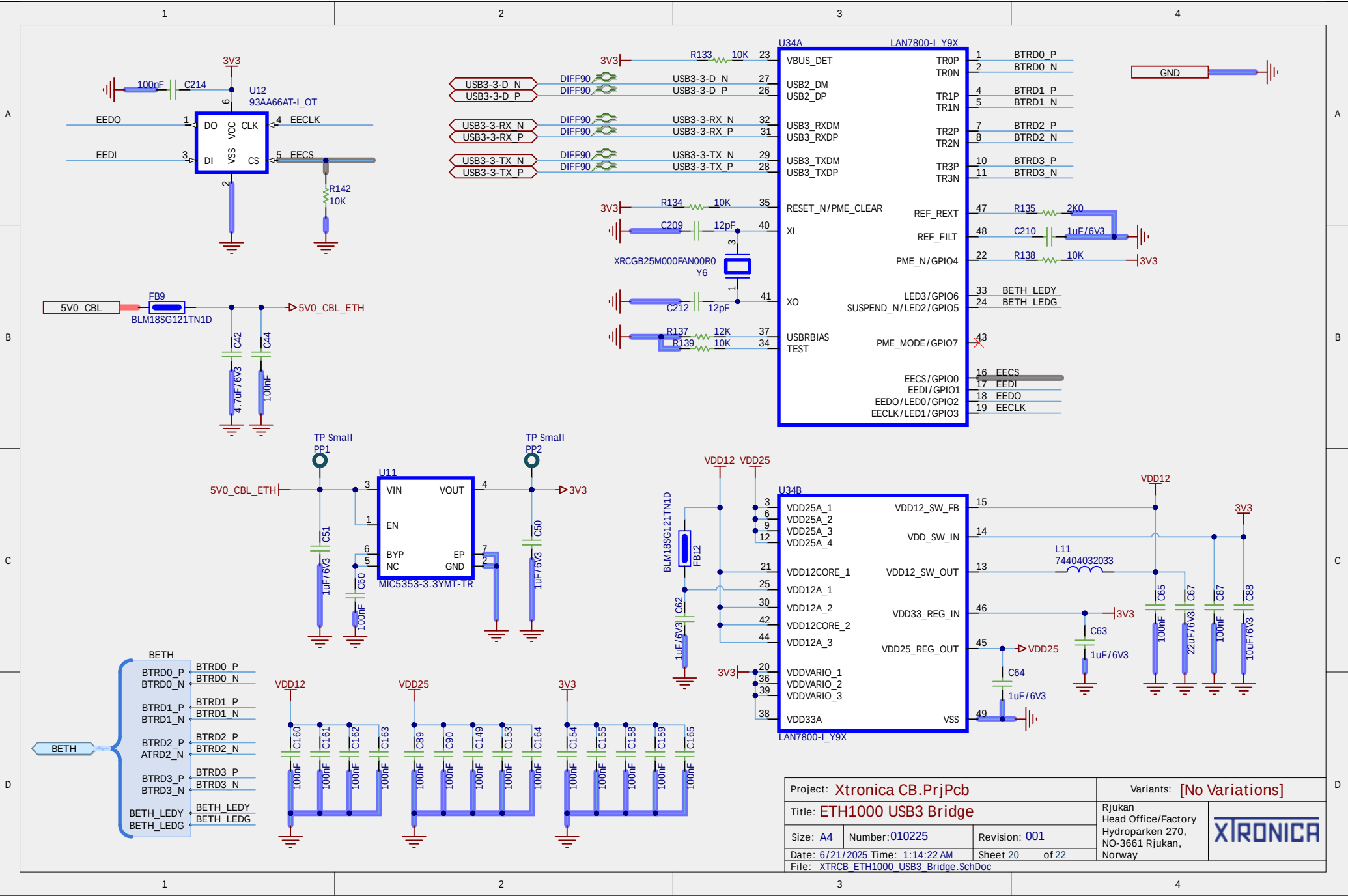
3V3_UPS → 3V3_UPS



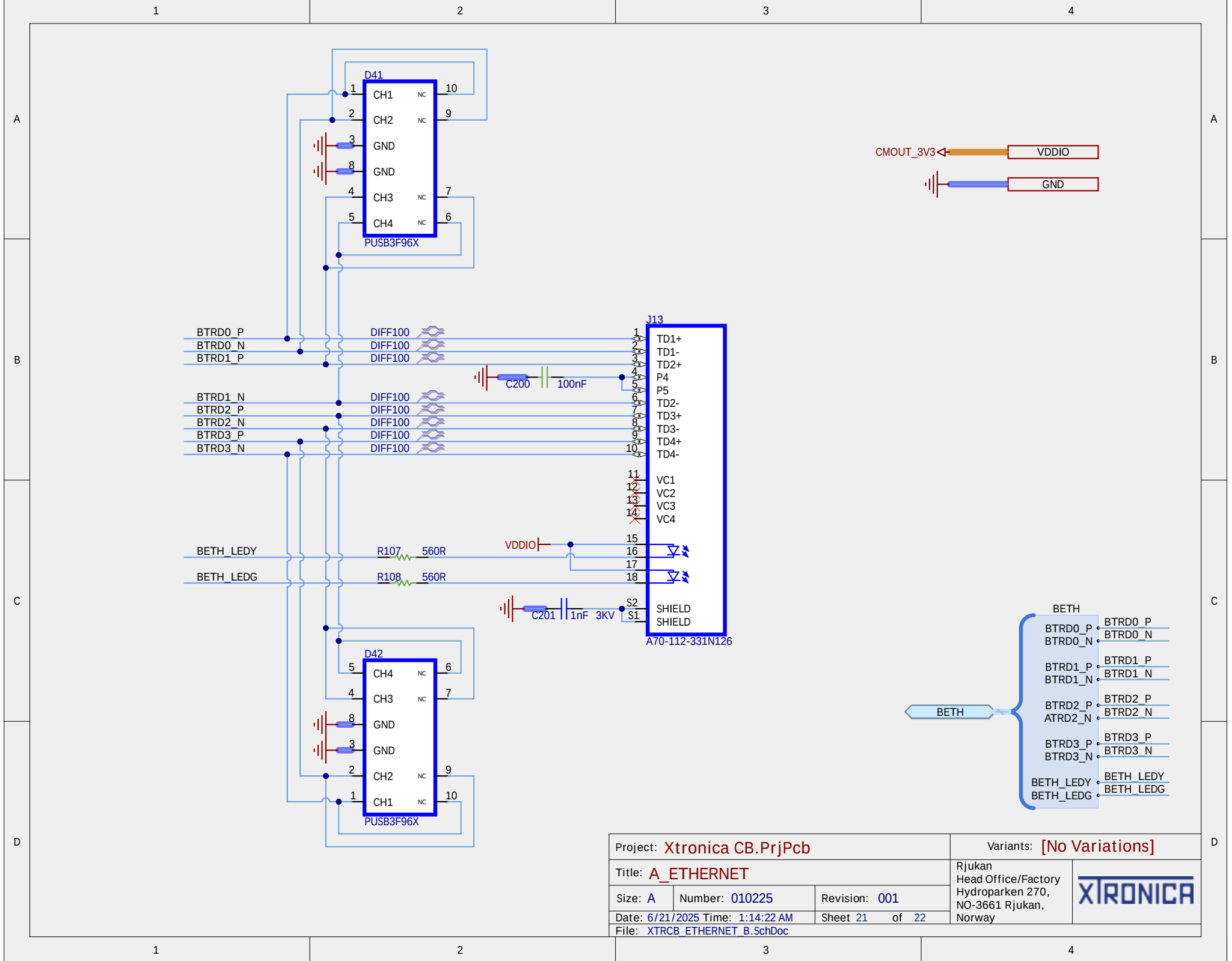
Project: Xtronica CB.PrjPcb			Variants: [No Variations]	
Title: USB2.0 UFP DFP USBC			Rjukan Head Office/Factory Hydroparken 270, NO-3661 Rjukan, Norway	
Size: A4	Number: 010225	Revision: 001		
Date: 6/21/2025	Time: 1:14:21 AM	Sheet 17 of 22		
File: USB2.0 UFP DFP USBC.SchDoc				



Project: Xtronica CB.PrjPcb			Variants: [No Variations]	
Title: M.2 Interface			Rjukan Head Office/Factory Hydroparken 270, NO-3661 Rjukan, Norway	
Size: A4	Number: 010225	Revision: 001		
Date: 6/21/2025 Time: 1:14:21 AM		Sheet 18 of 22		
File: XTRCB_M.2_SchDoc				



Project: Xtronica CB.PrjPcb			Variants: [No Variations]	
Title: ETH1000 USB3 Bridge			Rjukan Head Office/Factory Hydroparken 270, NO-3661 Rjukan, Norway	
Size: A4	Number: 010225	Revision: 001	XTRONICA	
Date: 6/21/2025	Time: 1:14:22 AM	Sheet 20 of 22		
File: XTRCB_ETH1000_USB3_Bridge.SchDoc				



Board Stack Report