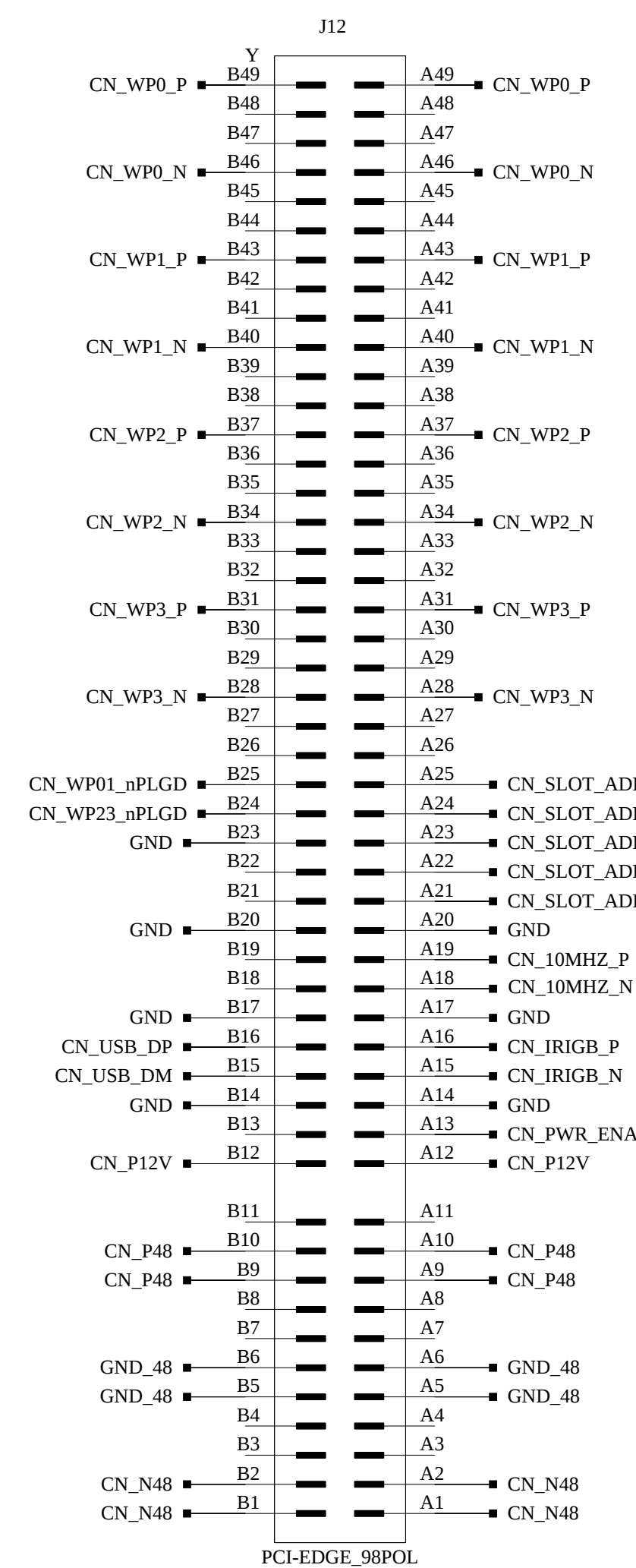
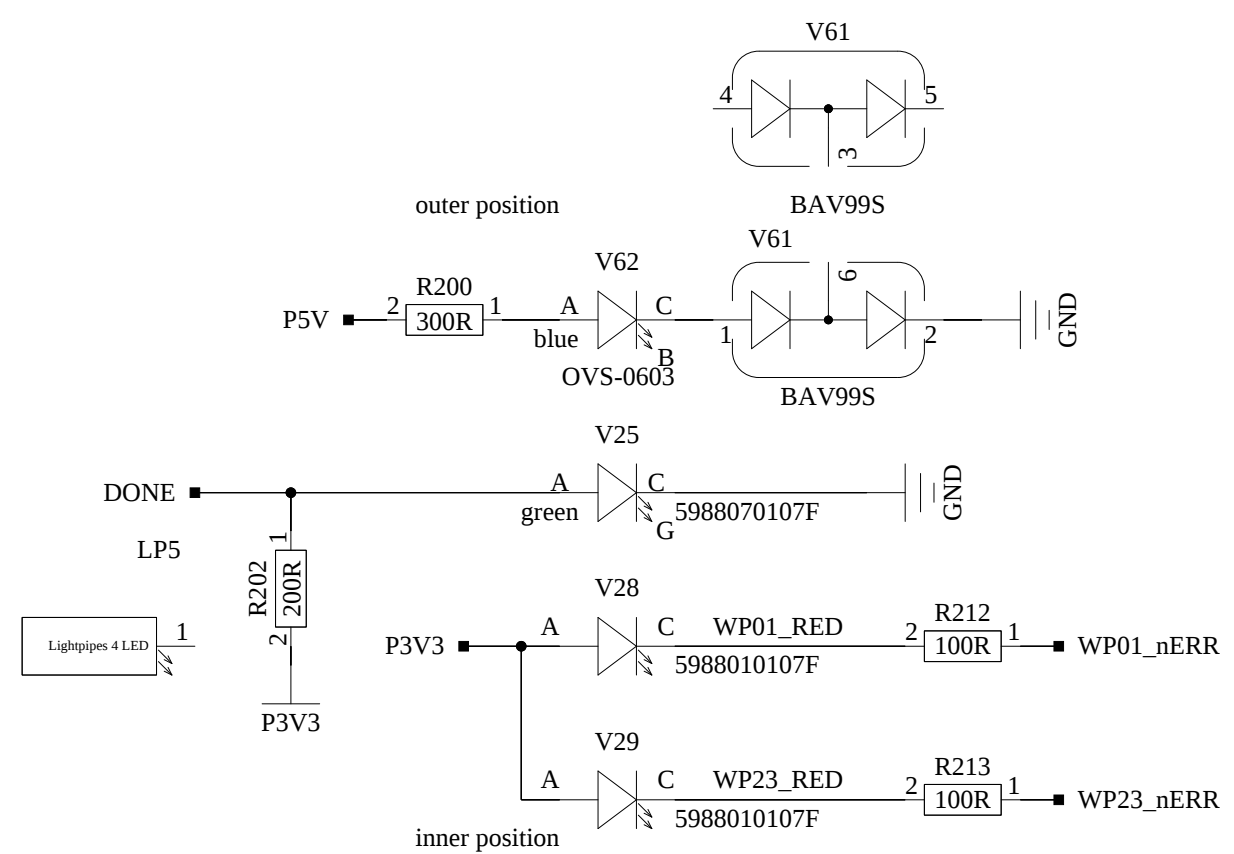
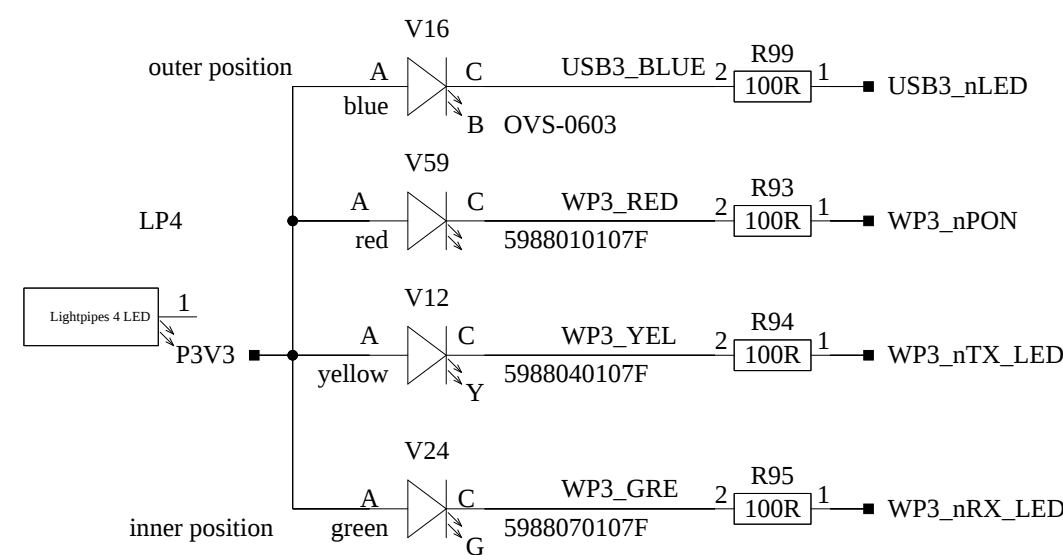
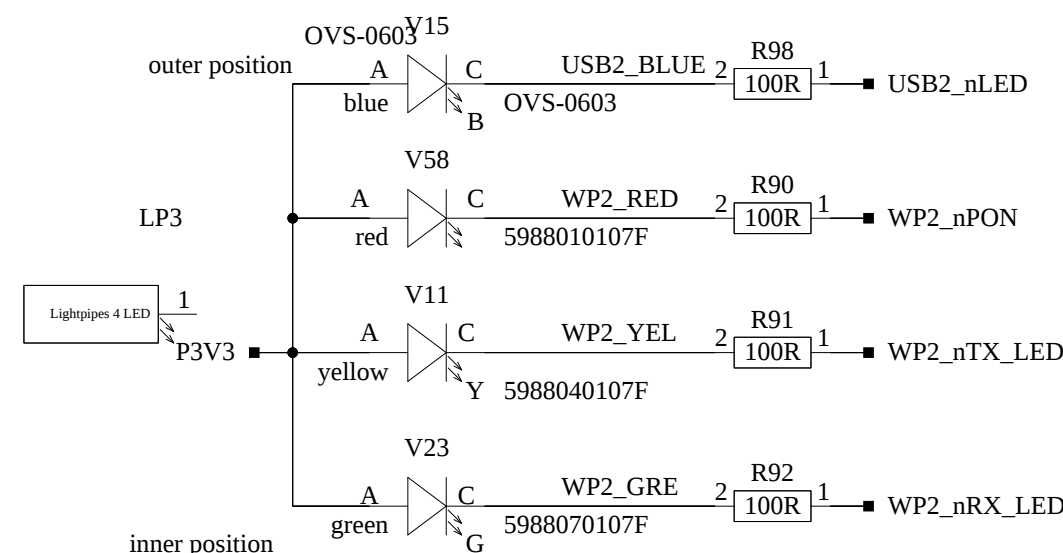
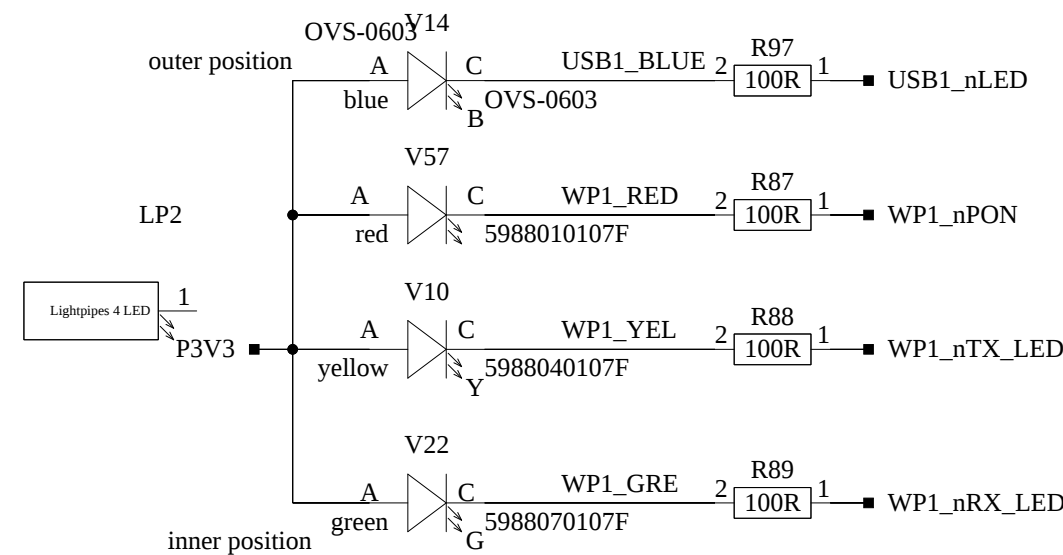
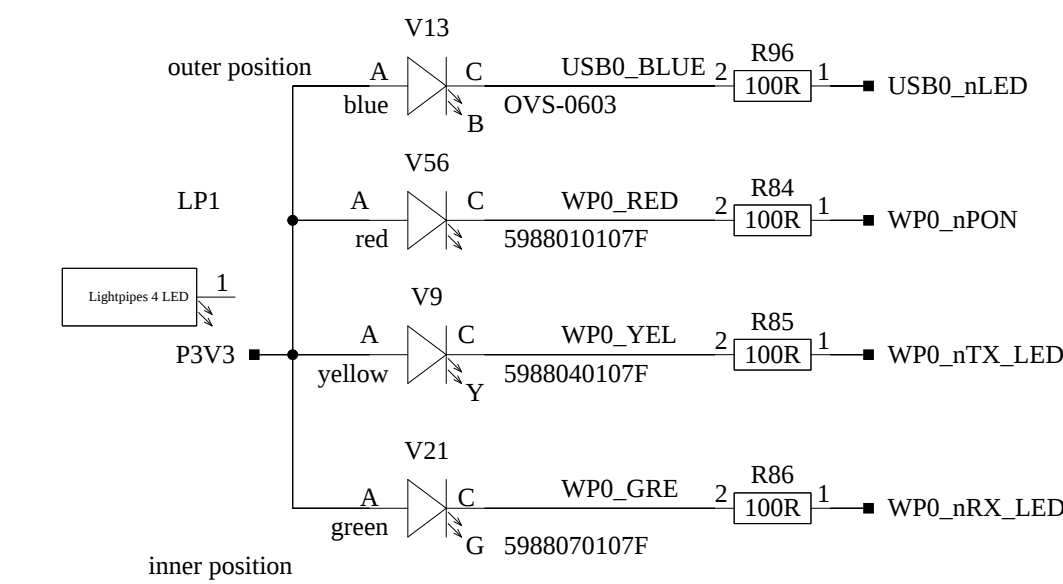
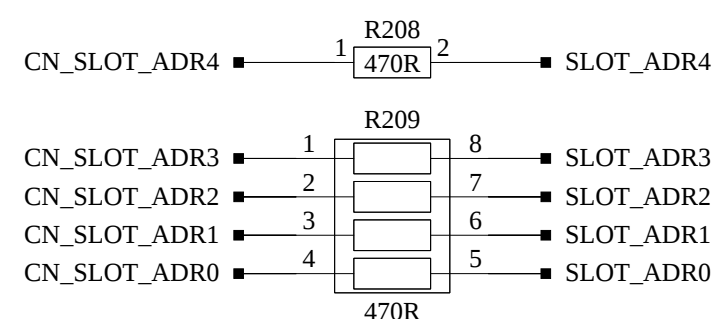
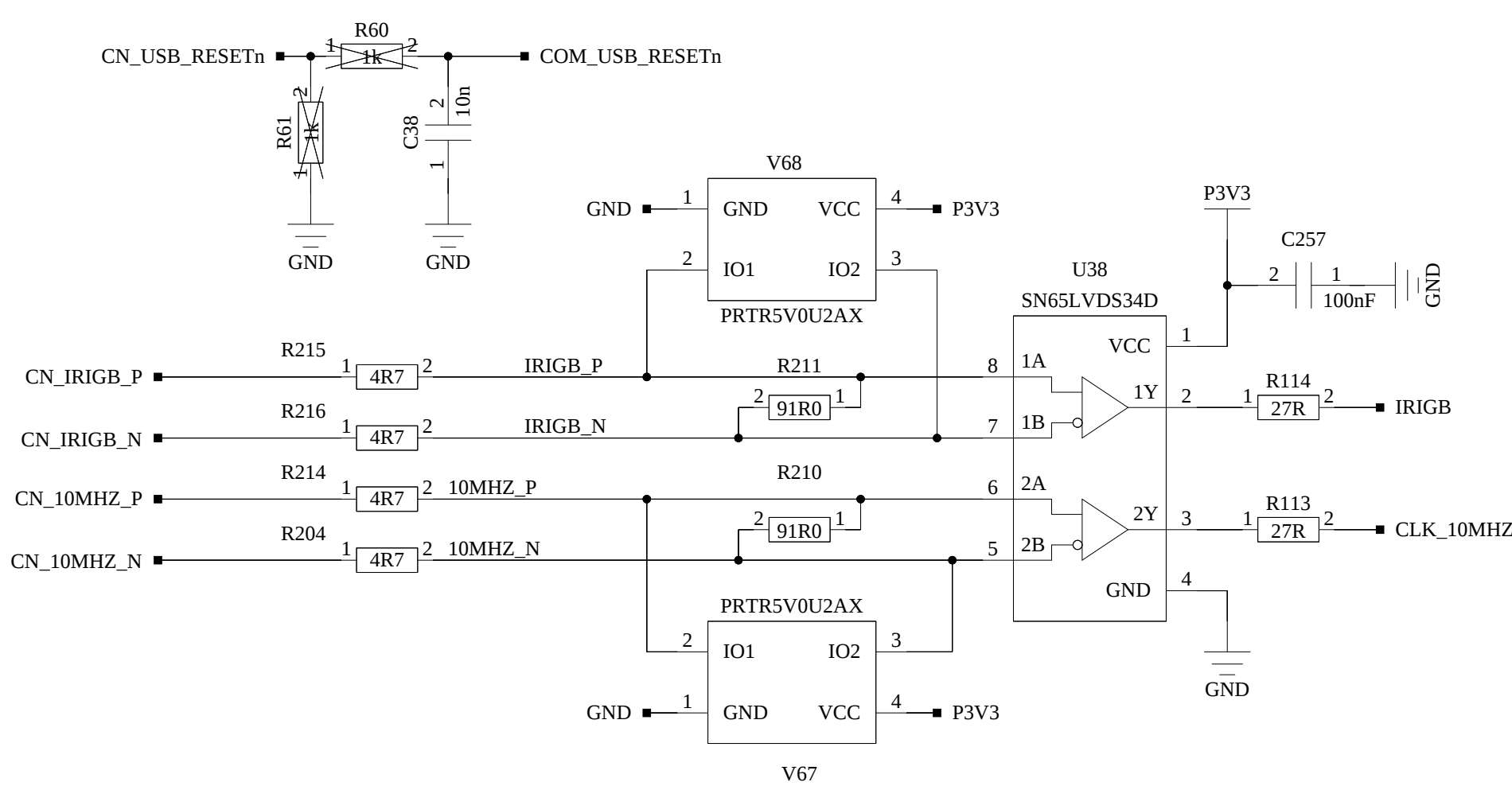
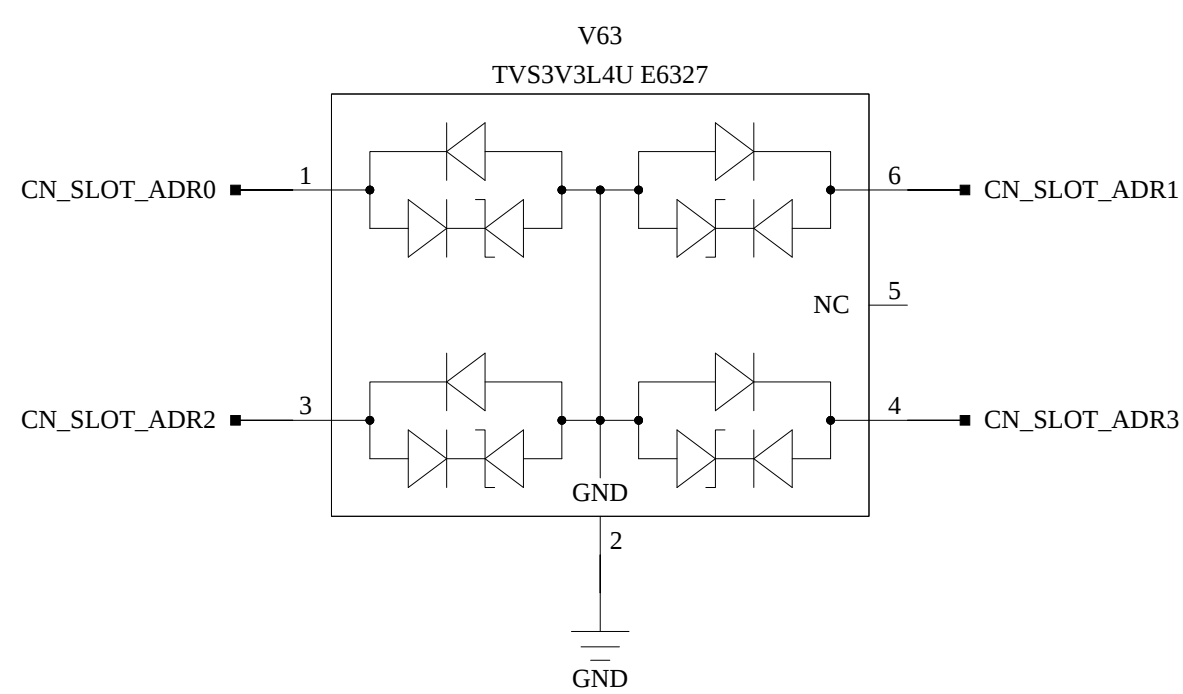
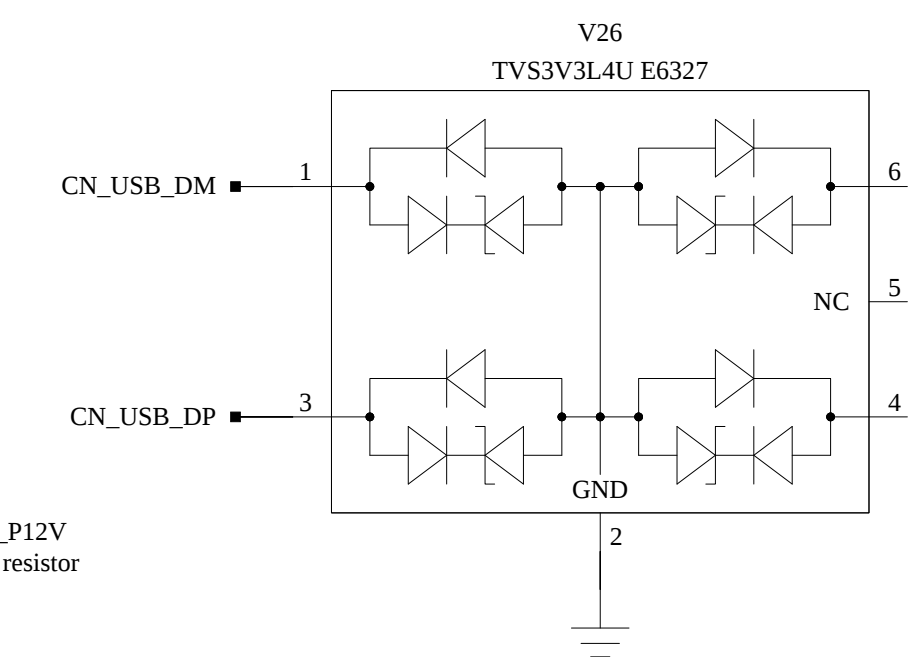
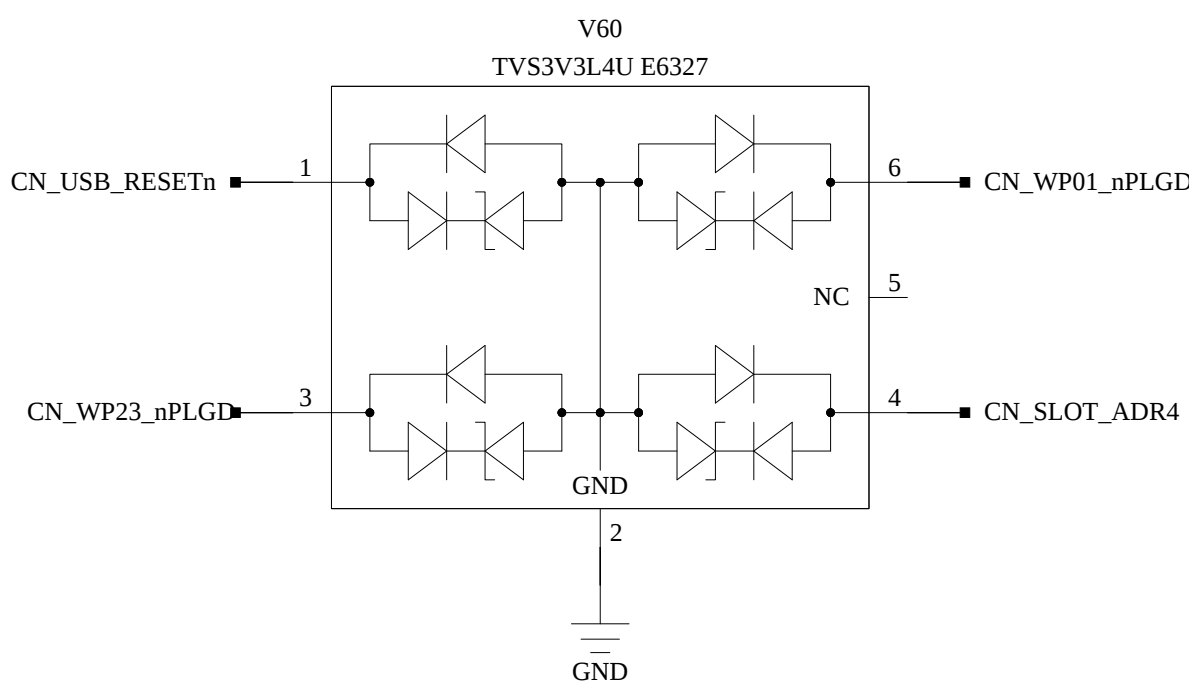
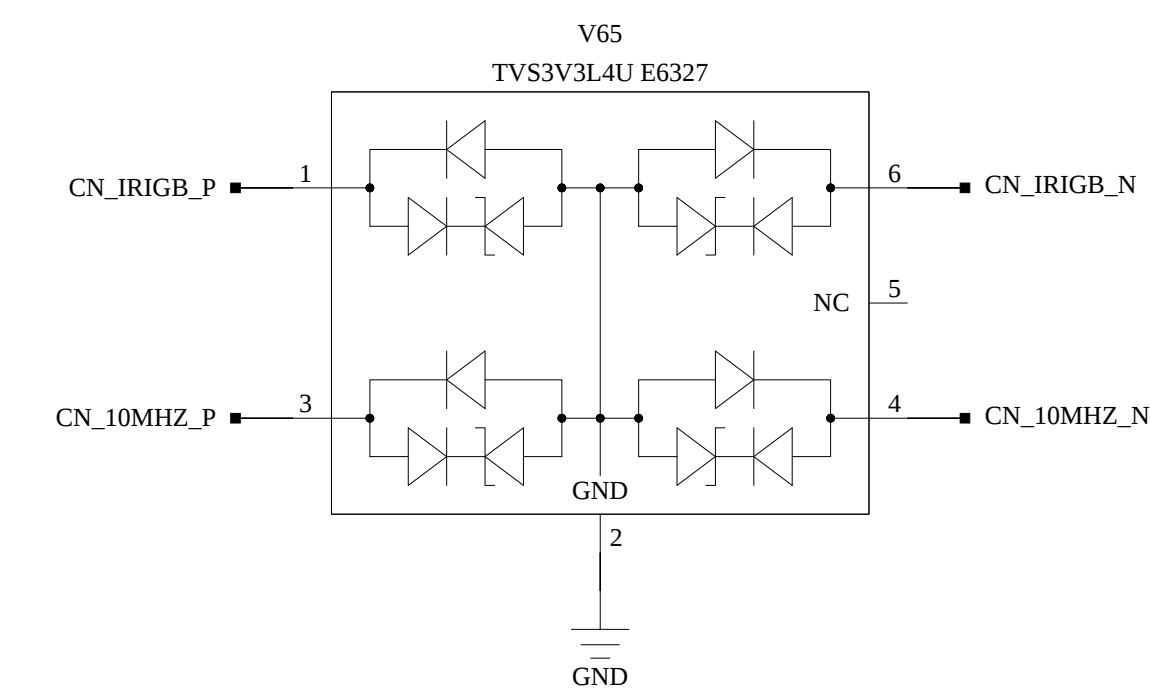
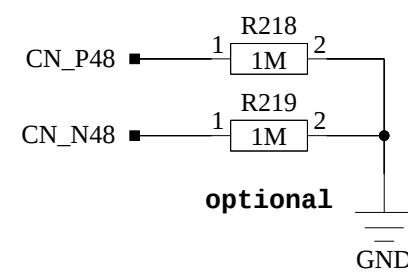




A13 pin is shorter!
it is connected to CN_P12V
on backplane by a 1k resistor

on the the PCB, remove unused pins
in the pin regions:
B1...B15, B25..B49,
A1..A15, A25..A49

10039755-10012TLF is on the backplane



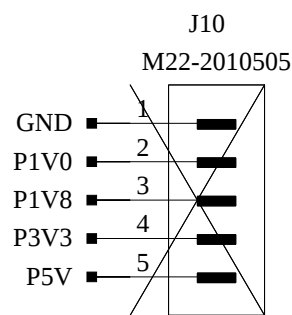
Developer:	Karl-Heinz Sulanke	Project: IceCube Upgrade		
Drawn by:	Karl-Heinz Sulanke	Schematic: FDOR-9485-00	Sheet:	con
Checked by:	Kalle	PCB name: FDOR_1		
Description: Fieldhub DOM Readout & Control Board, Rev. 1			PCB No: 9485-00	A3
	Deutsches Elektronen-Synchrotron Platanenallee 6, 15738 Zeuthen, Germany DESY group: Zeuthen-EL	Variant: Default	Located at:	
		Date changed: 16/03/2022:10:07	Block page:	
		Date of prod. data: 13/01/2022	Sheet No.: 1 Total: 11	

F

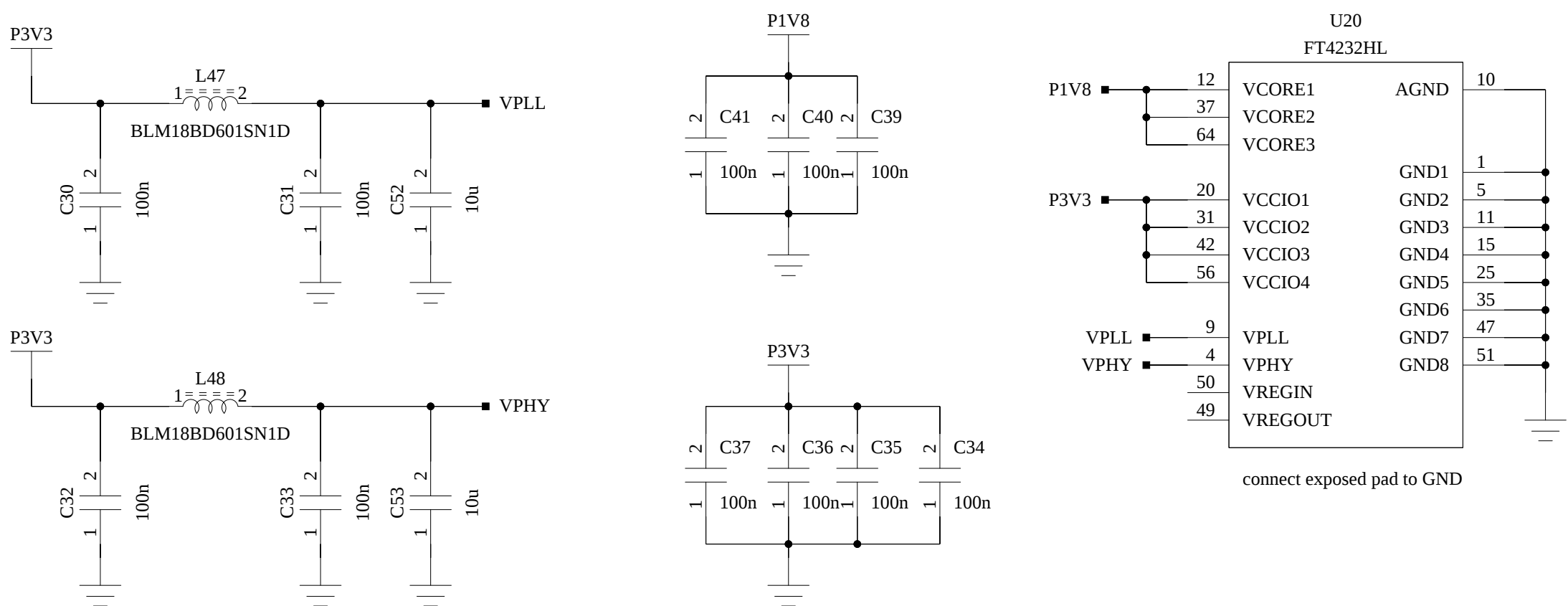
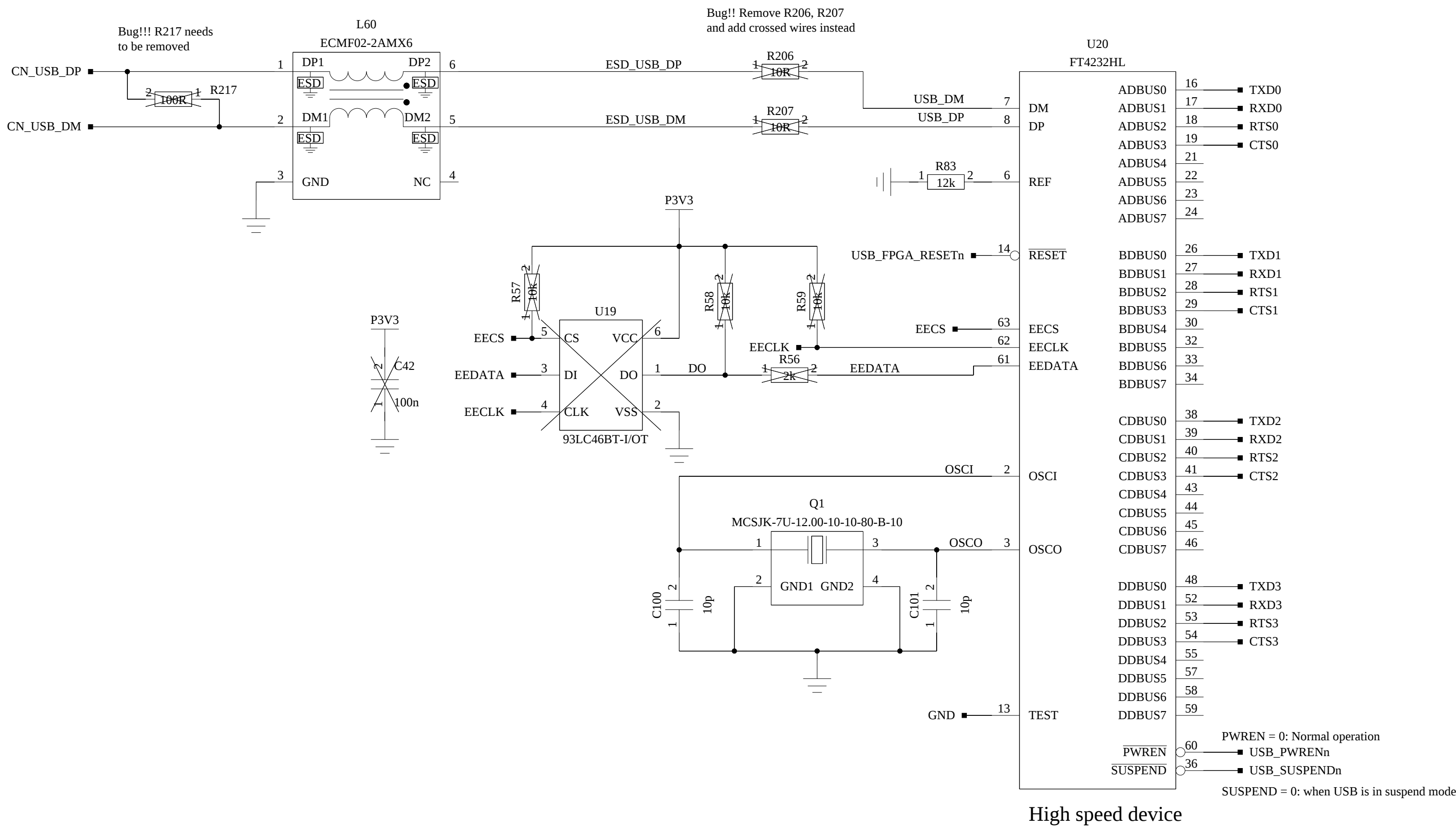
U25


$$V_{FB1,2}=1V, V_{FB3,4}=0.8V$$

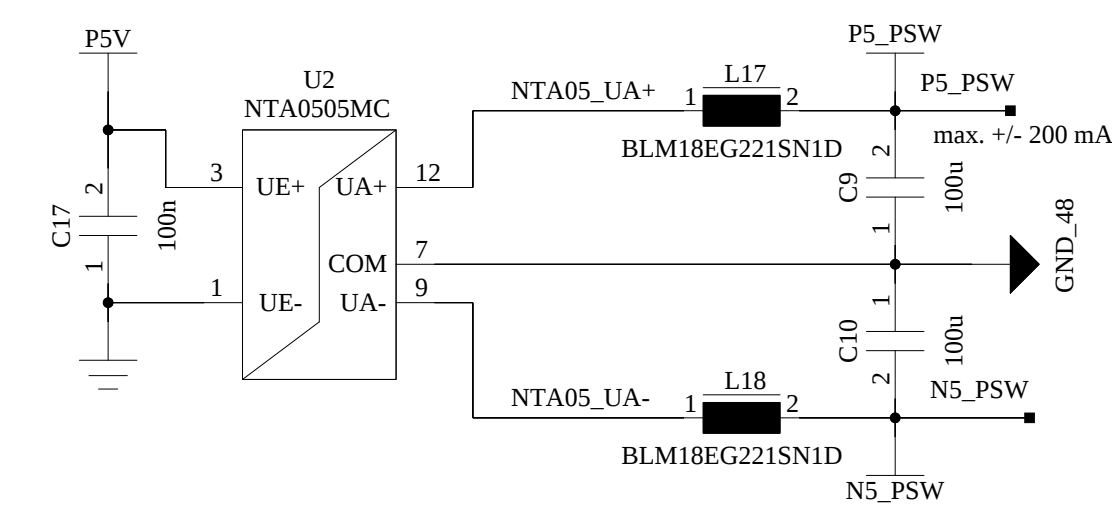
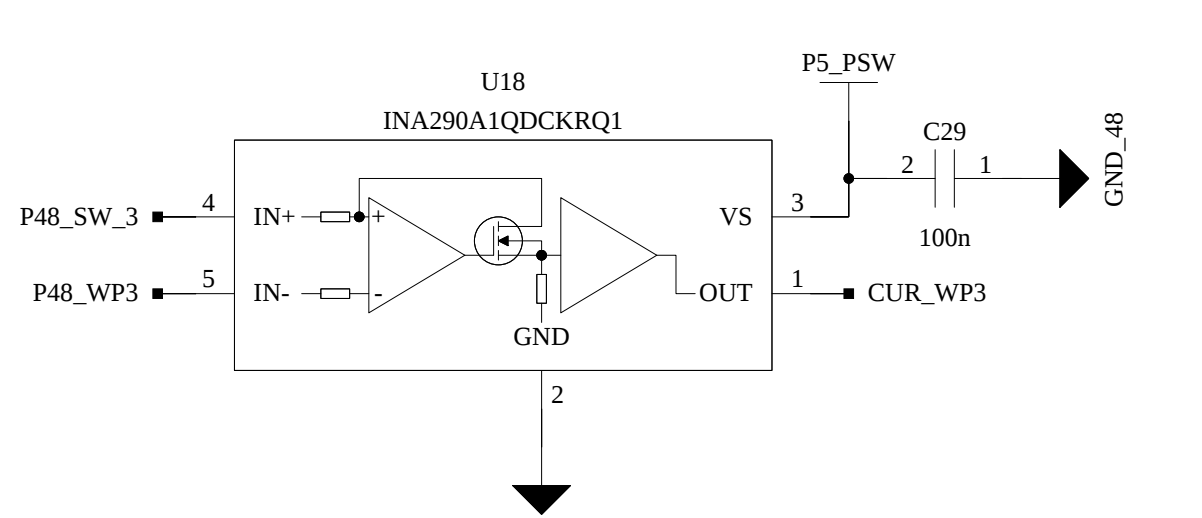
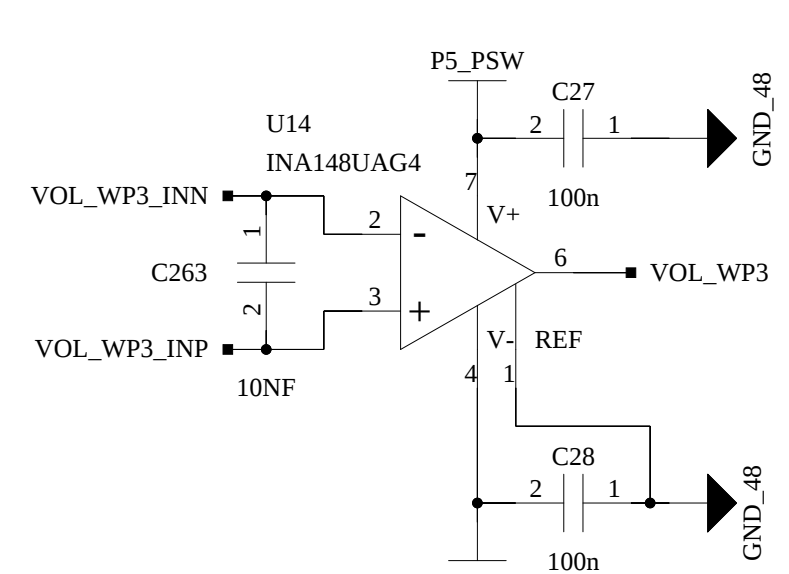
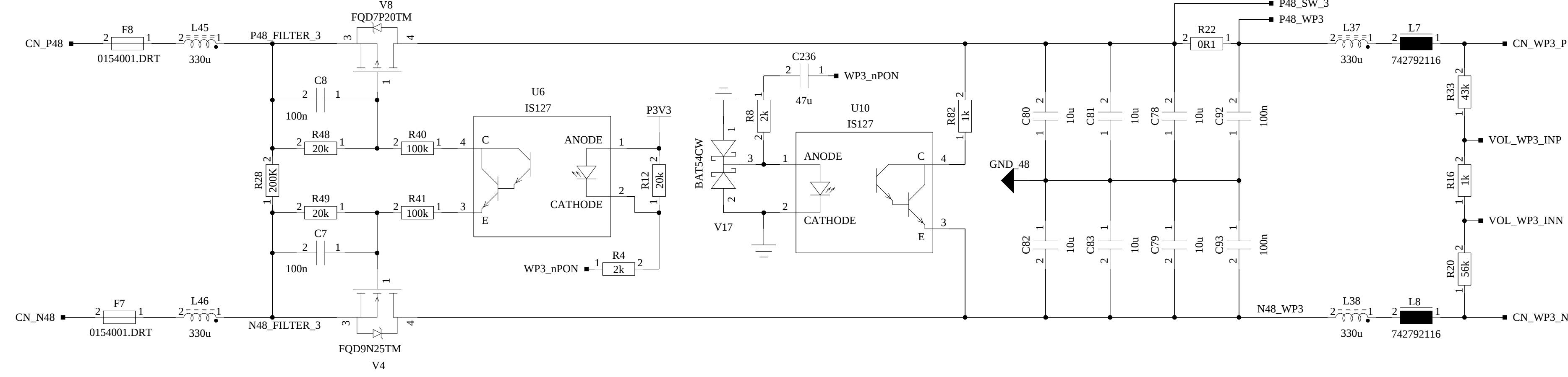
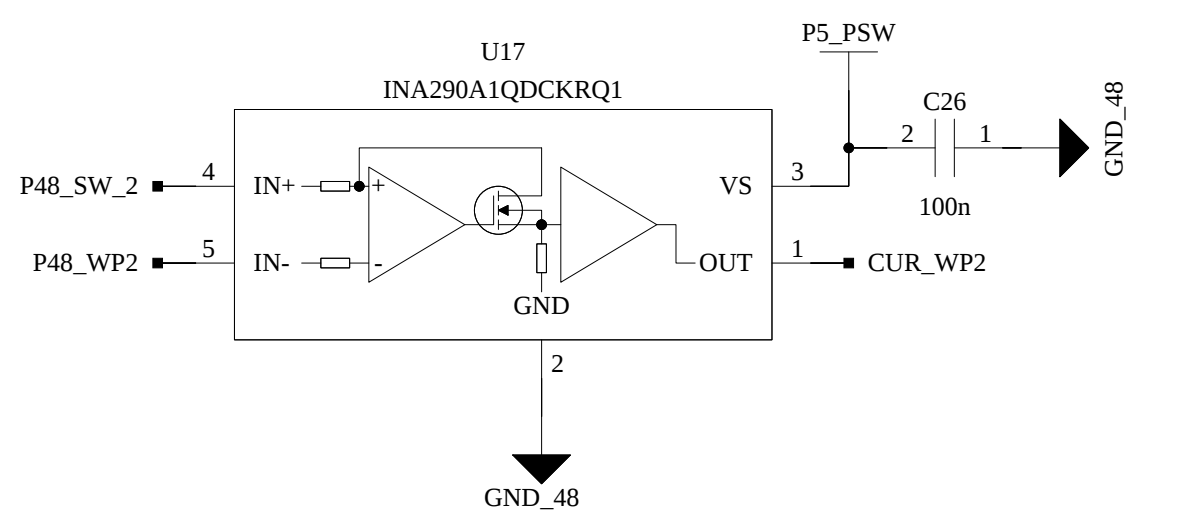
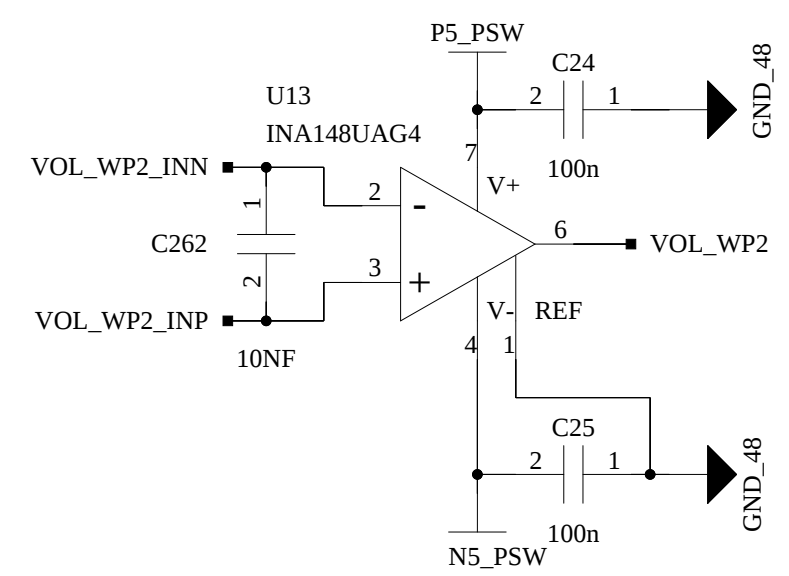
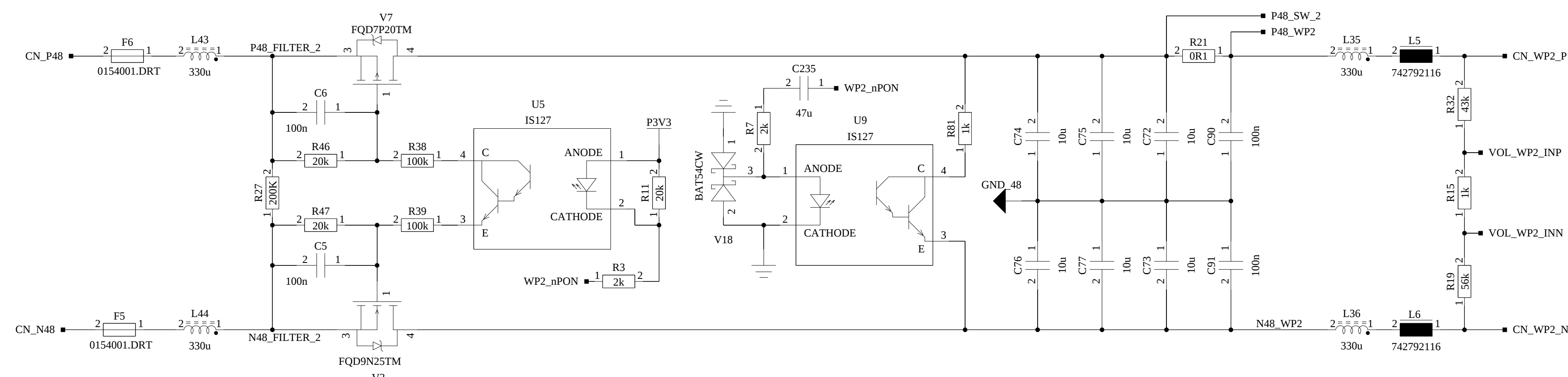
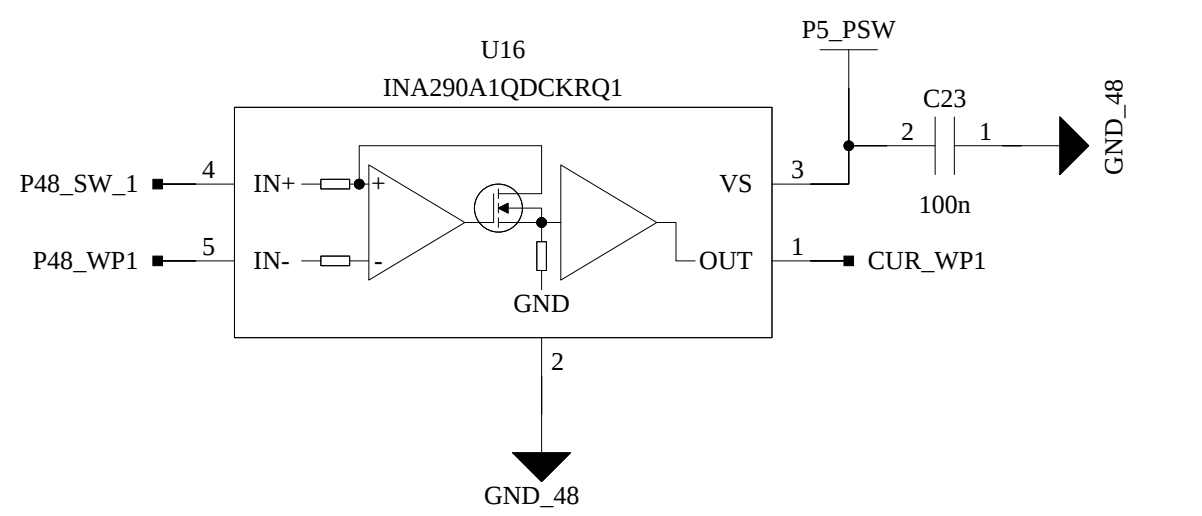
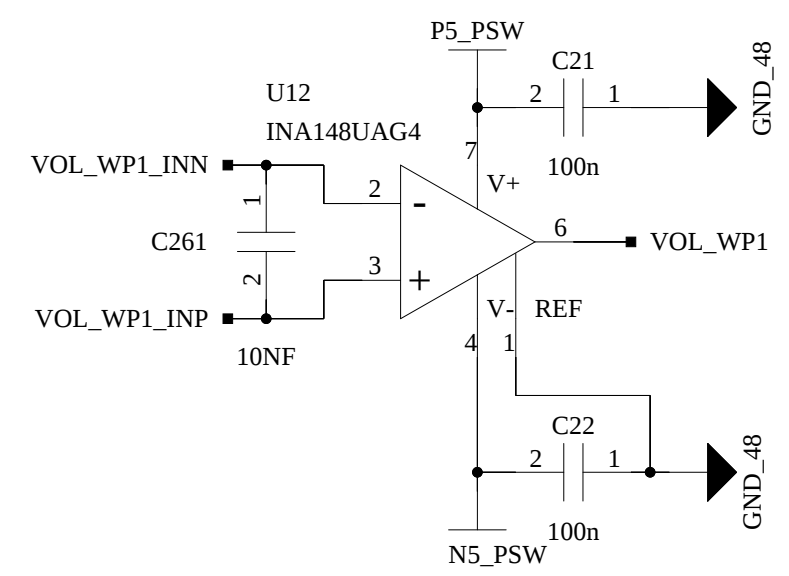
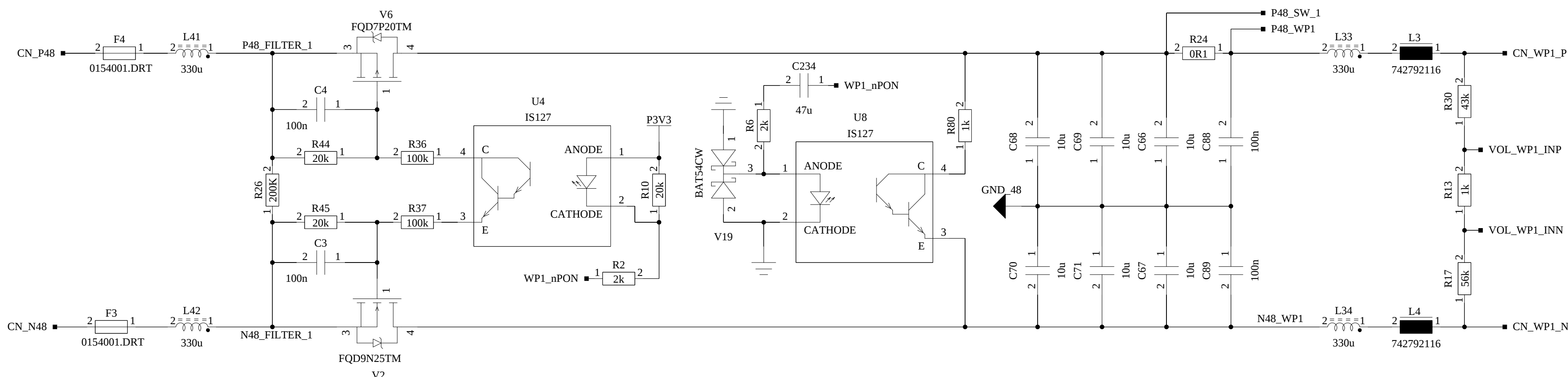
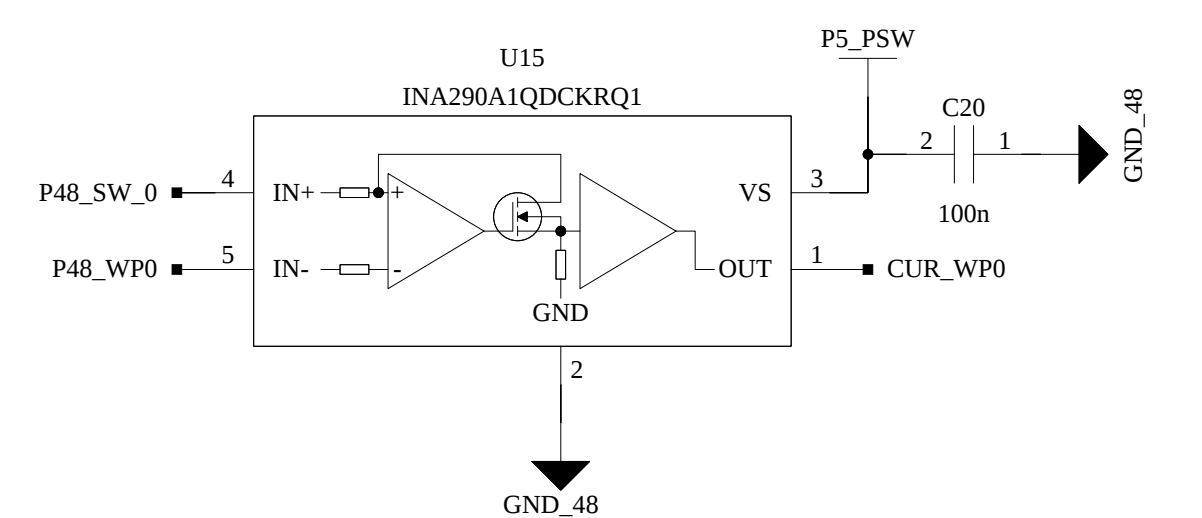
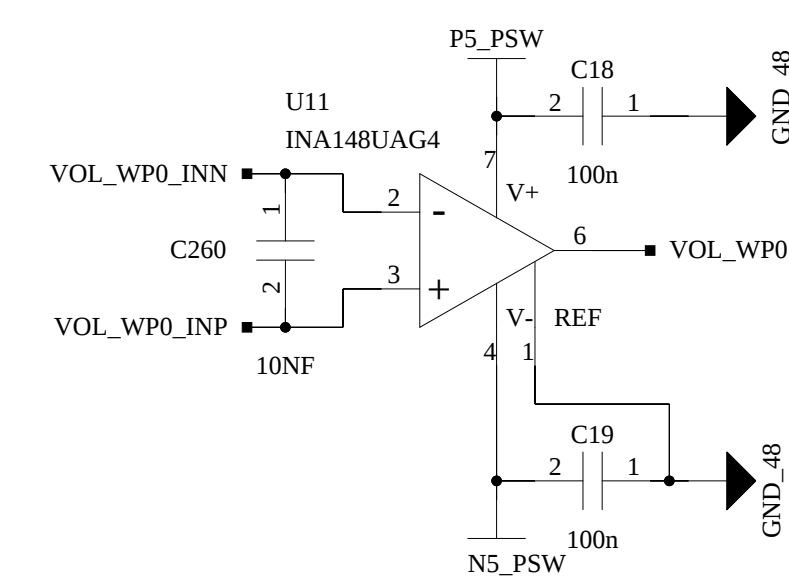
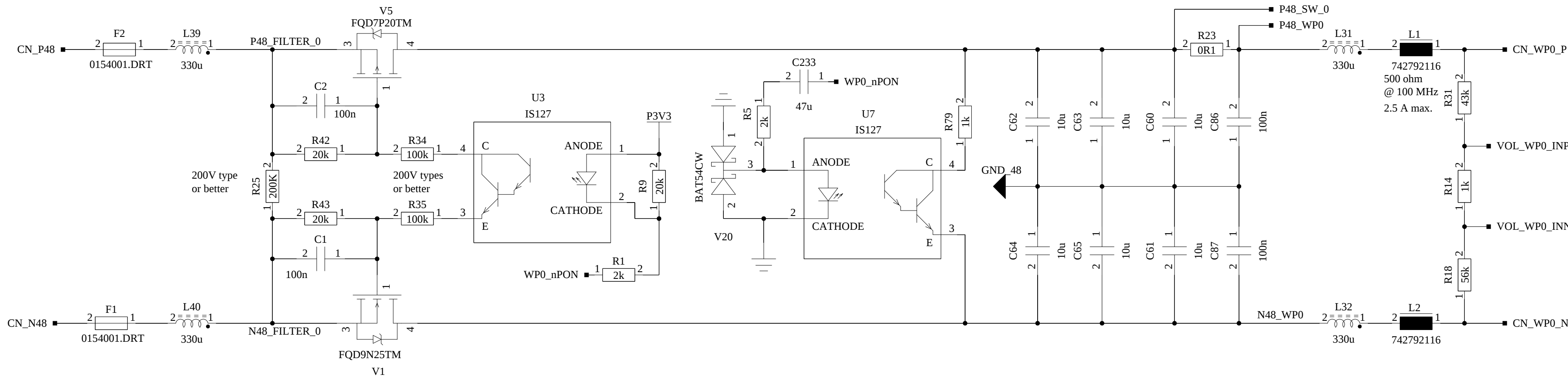
Ramp time from GND to 90% min 0.2 ms max. 50 ms

**F**

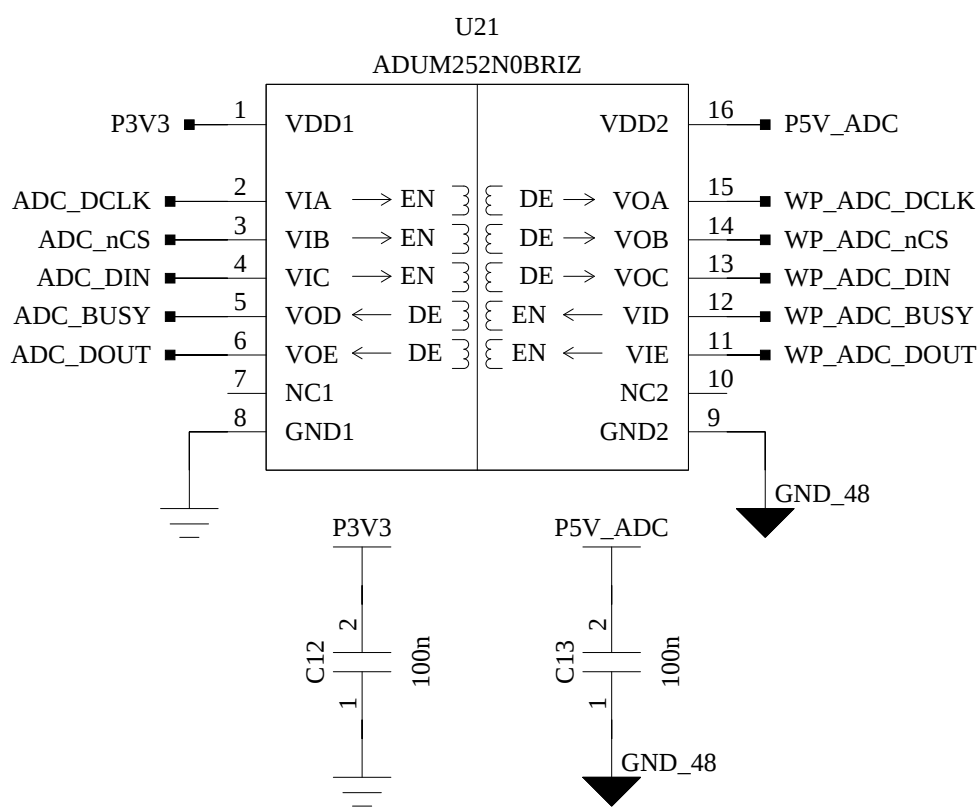
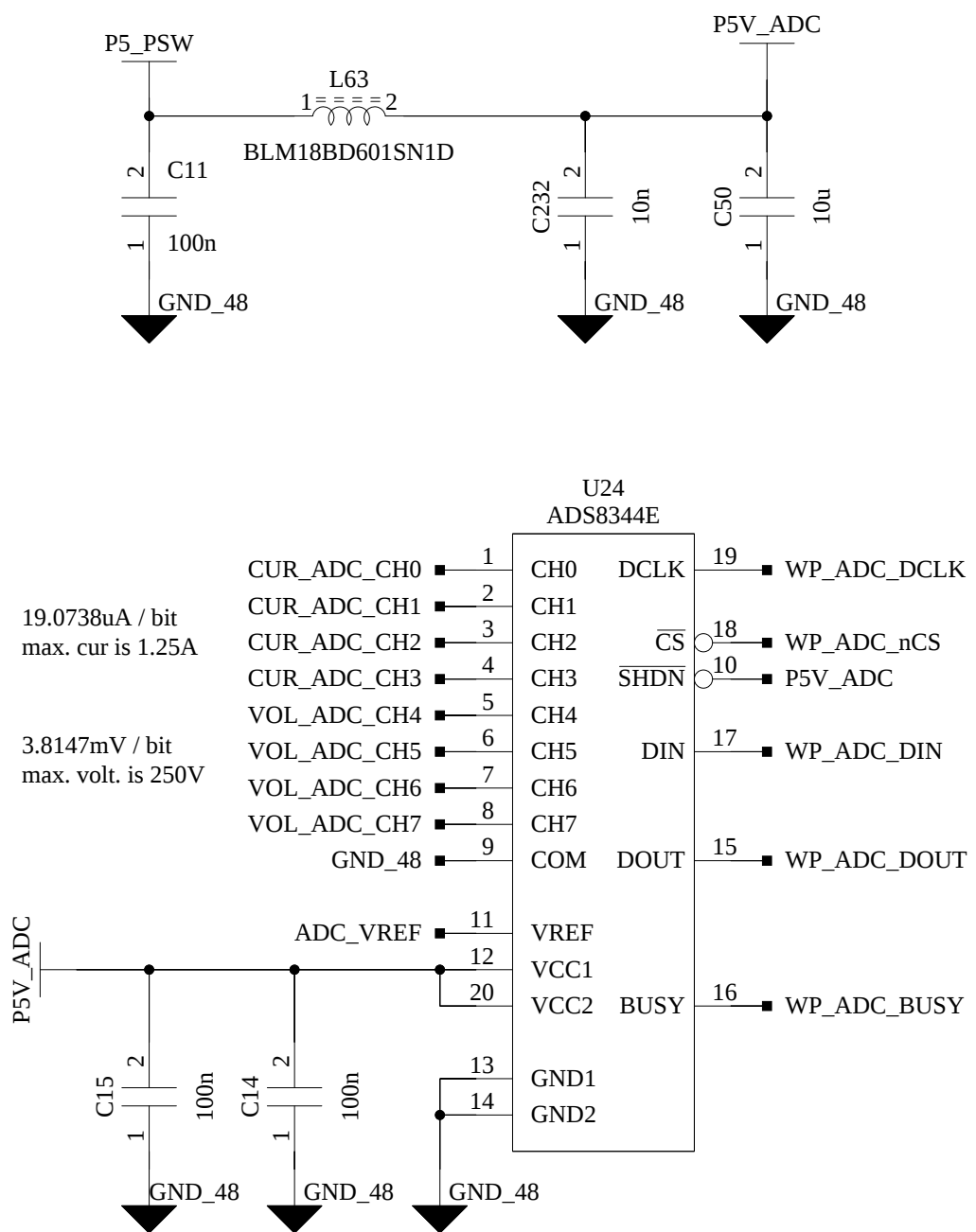
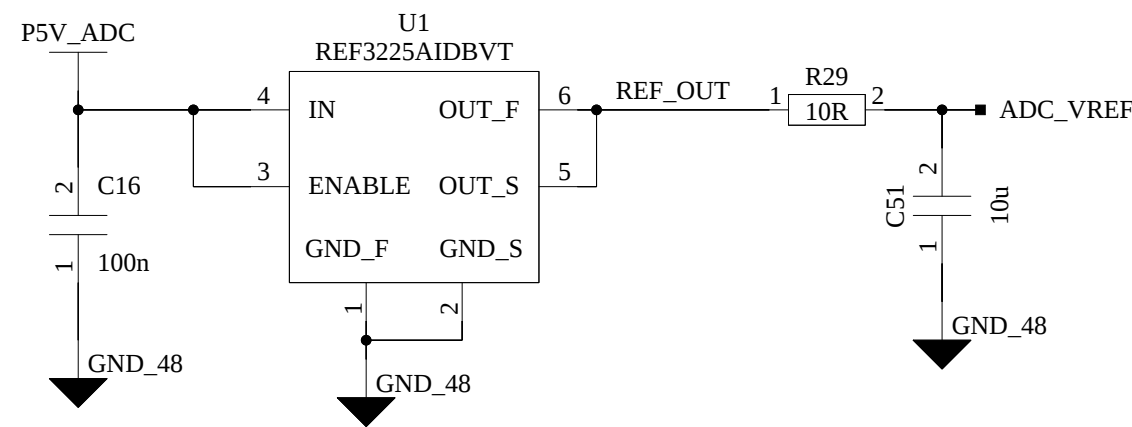
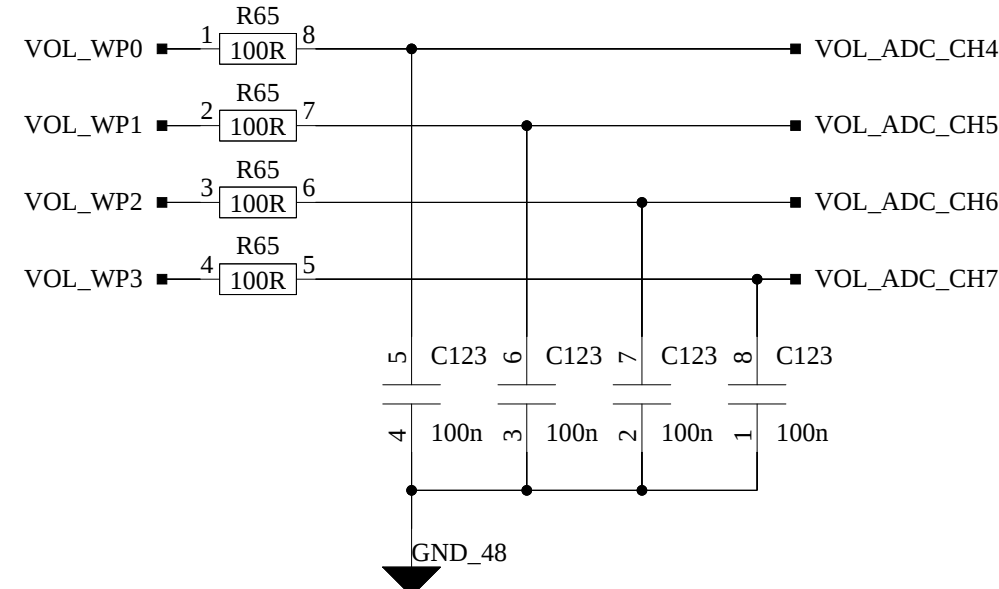
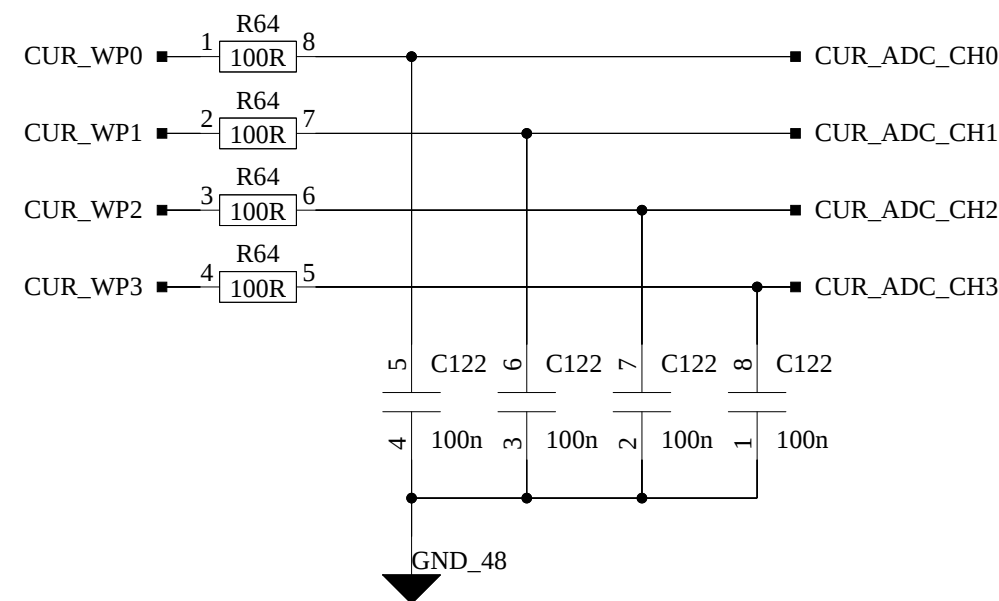
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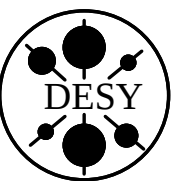


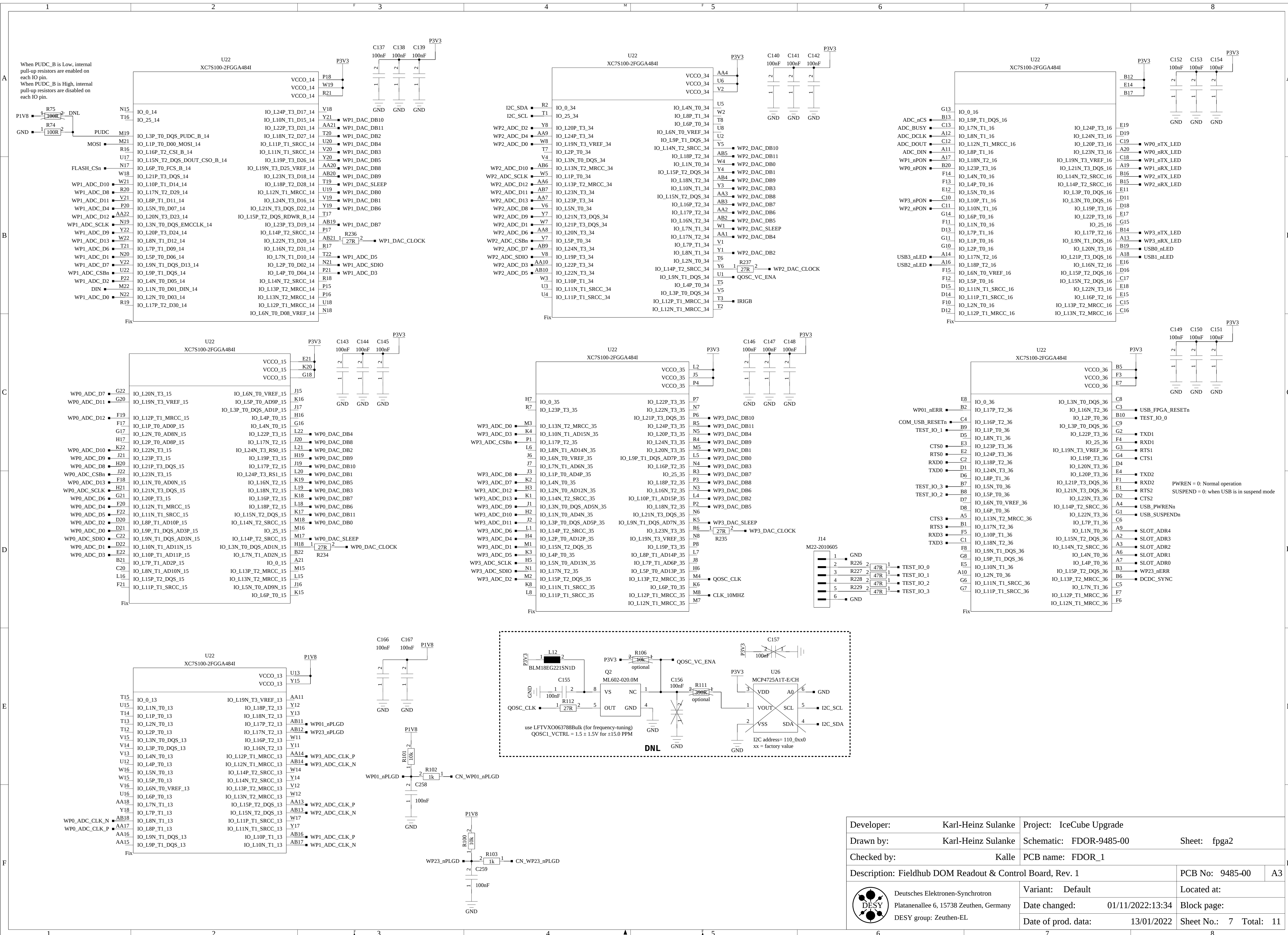
Developer:	Karl-Heinz Sulanke	Project: IceCube Upgrade		
Drawn by:	Karl-Heinz Sulanke	Schematic: FDOR-9485-00	Sheet: uart	
Checked by:	Kalle	PCB name: FDOR_1		
Description: Fieldhub DOM Readout & Control Board, Rev. 1			PCB No: 9485-00	A3
	Deutsches Elektronen-Synchrotron Platanenallee 6, 15738 Zeuthen, Germany DESY group: Zeuthen-EL	Variant: Default	Located at:	
		Date changed: 16/03/2022:09:01	Block page:	
		Date of prod. data: 13/01/2022	Sheet No.: 3 Total: 11	

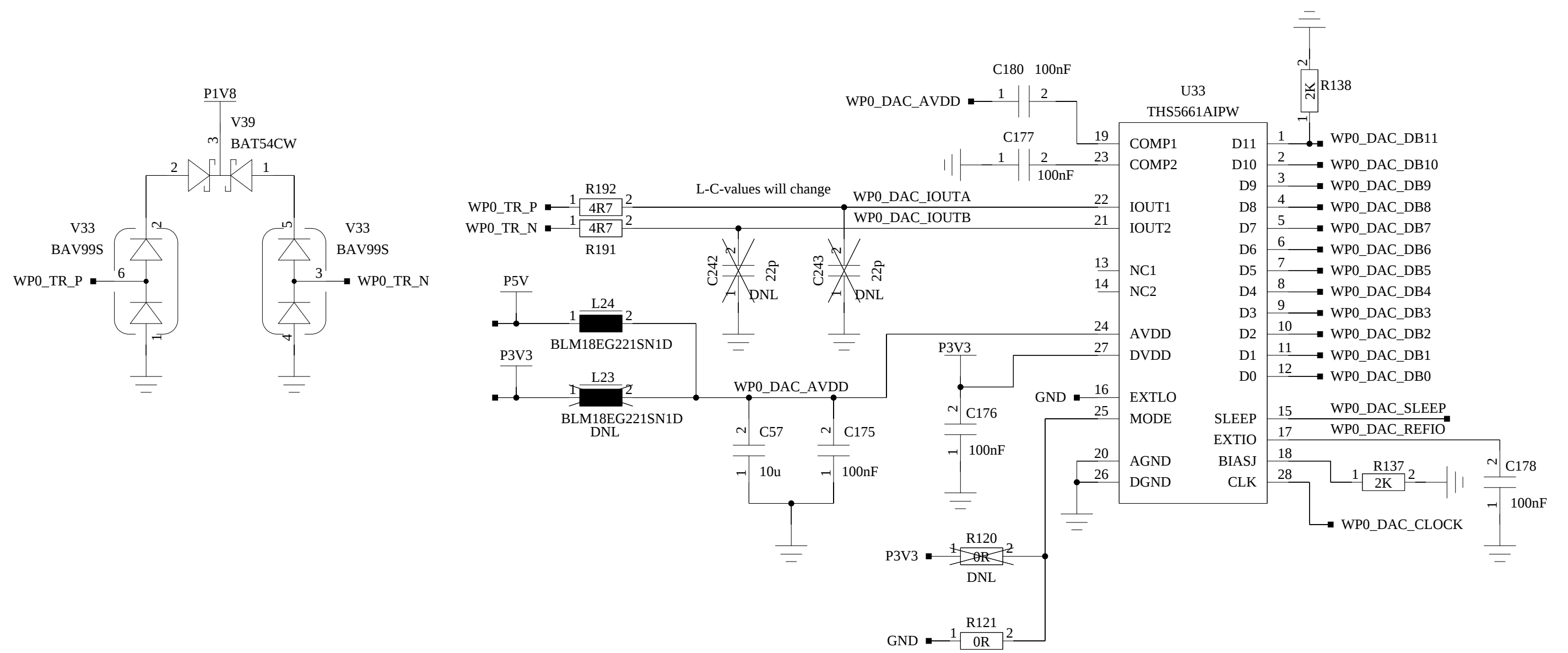
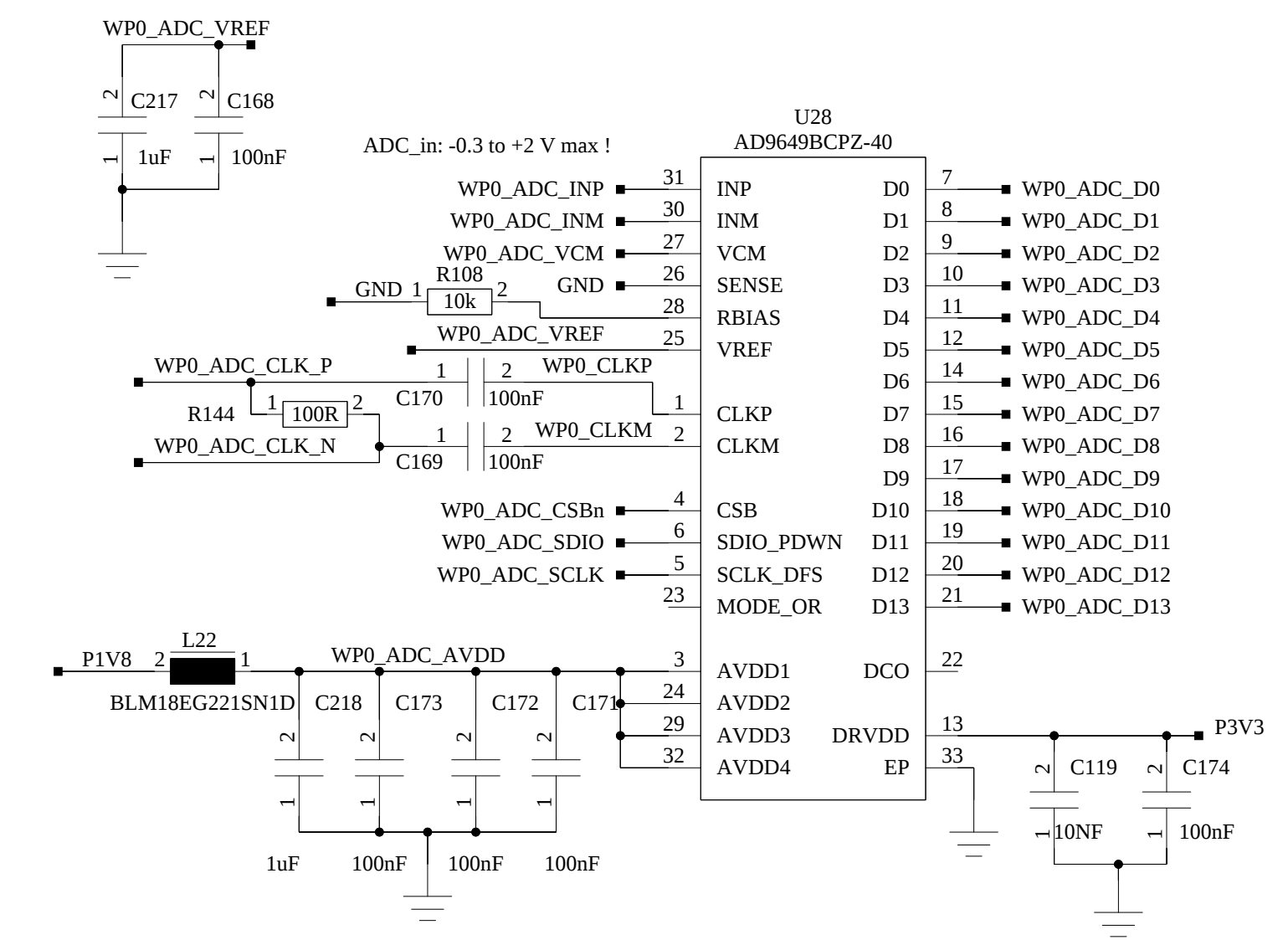
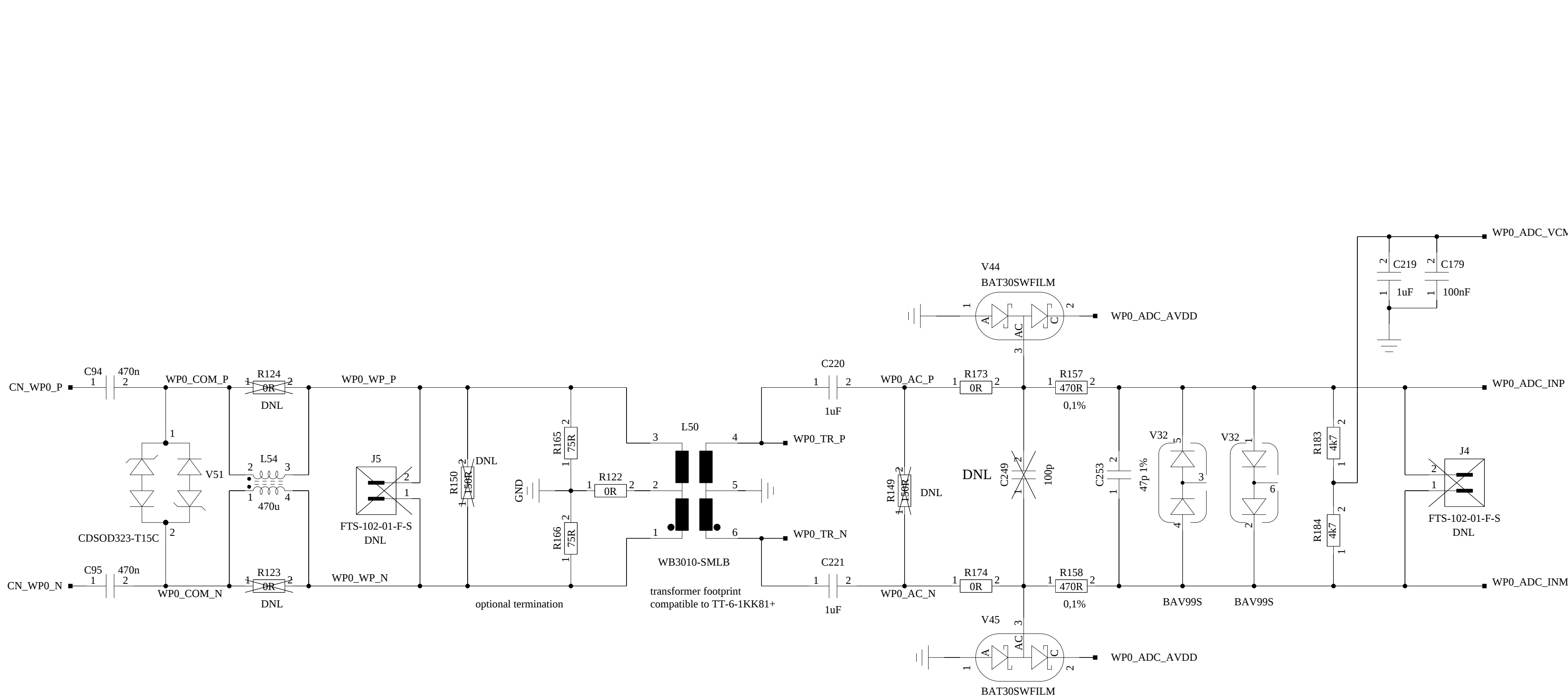


Developer:	Karl-Heinz Sulanke	Project: IceCube Upgrade			
Drawn by:	Karl-Heinz Sulanke	Schematic: FDOR-9485-00		Sheet: psw	
Checked by:	Kalle	PCB name: FDOR_1			
Description: Fieldhub DOM Readout & Control Board, Rev. 1			PCB No: 9485-00		A3
	Deutsches Elektronen-Synchrotron Platanenallee 6, 15738 Zeuthen, Germany DESY group: Zeuthen-EL	Variant: Default		Located at:	
		Date changed: 18/02/2022:08:54		Block page:	
		Date of prod. data: 13/01/2022		Sheet No.: 4 Total: 11	

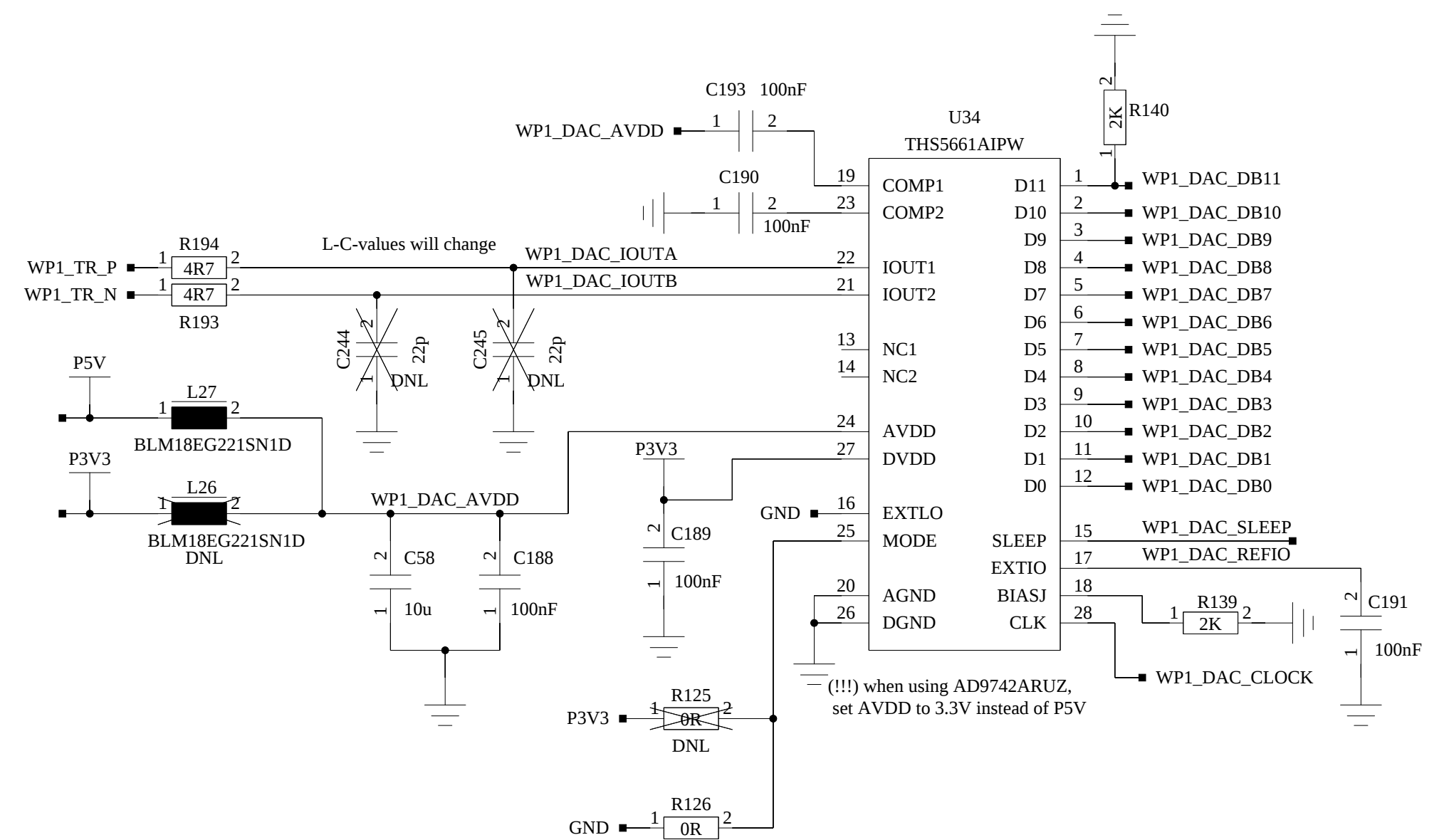
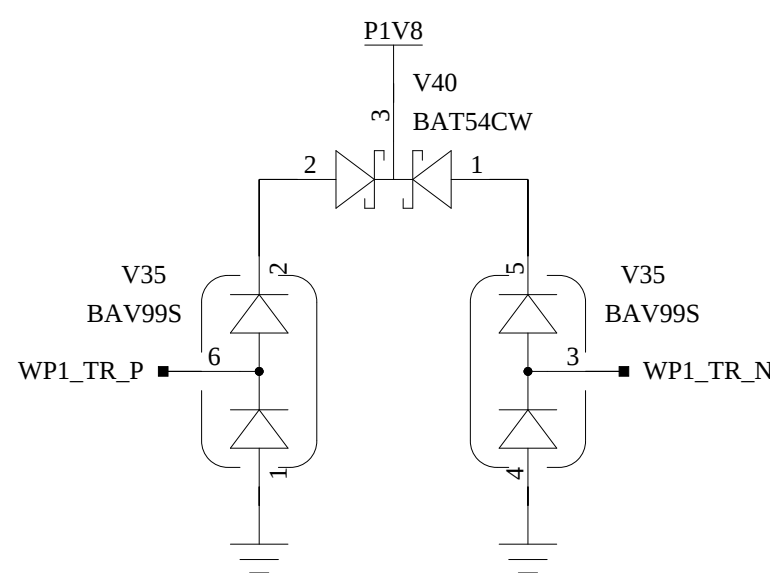
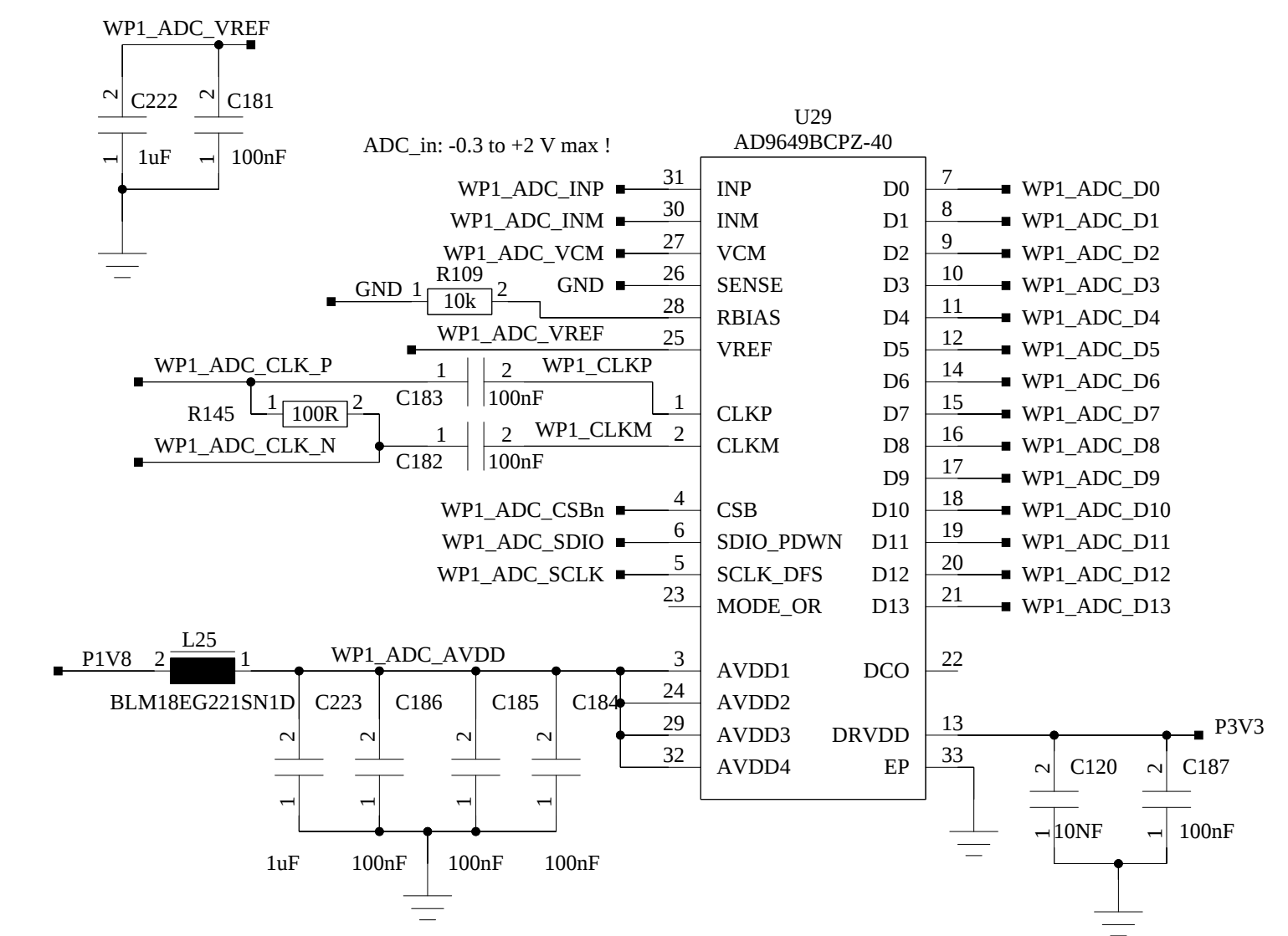
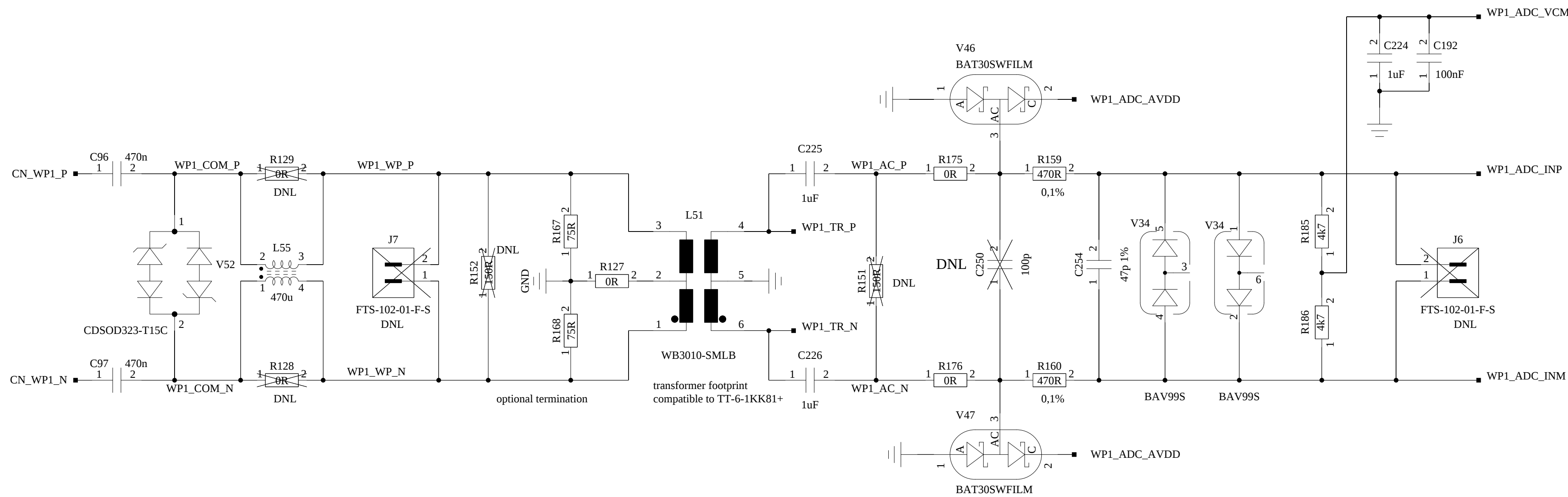


Developer: Karl-Heinz Sulanke		Project: IceCube Upgrade				
Drawn by: Karl-Heinz Sulanke		Schematic: FDOR-9485-00		Sheet: adc		
Checked by: Kalle		PCB name: FDOR_1				
Description: Fieldhub DOM Readout & Control Board, Rev. 1				PCB No: 9485-00	A3	
	Deutsches Elektronen-Synchrotron Platanenallee 6, 15738 Zeuthen, Germany DESY group: Zeuthen-EL		Variant: Default		Located at:	
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6		7		8		

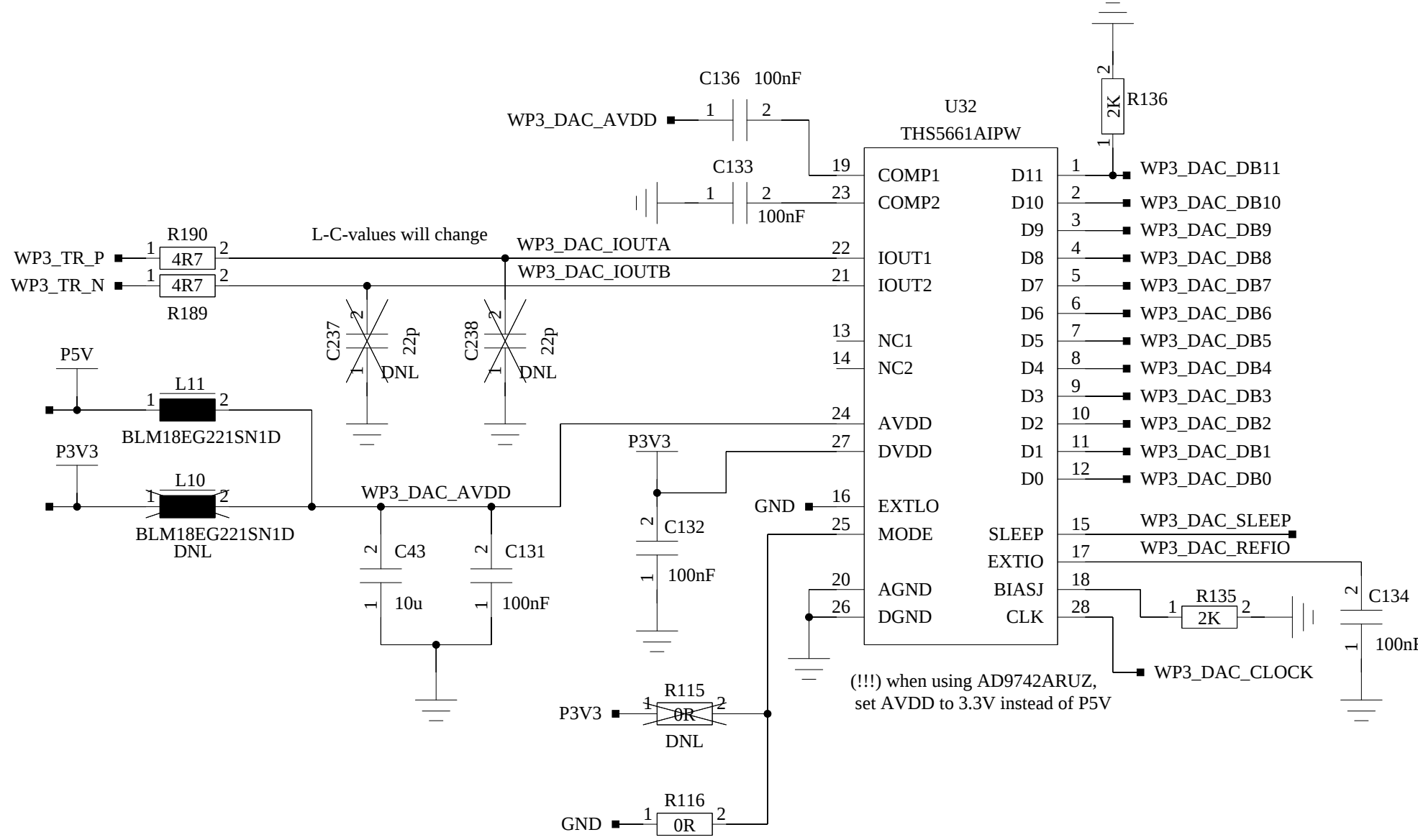
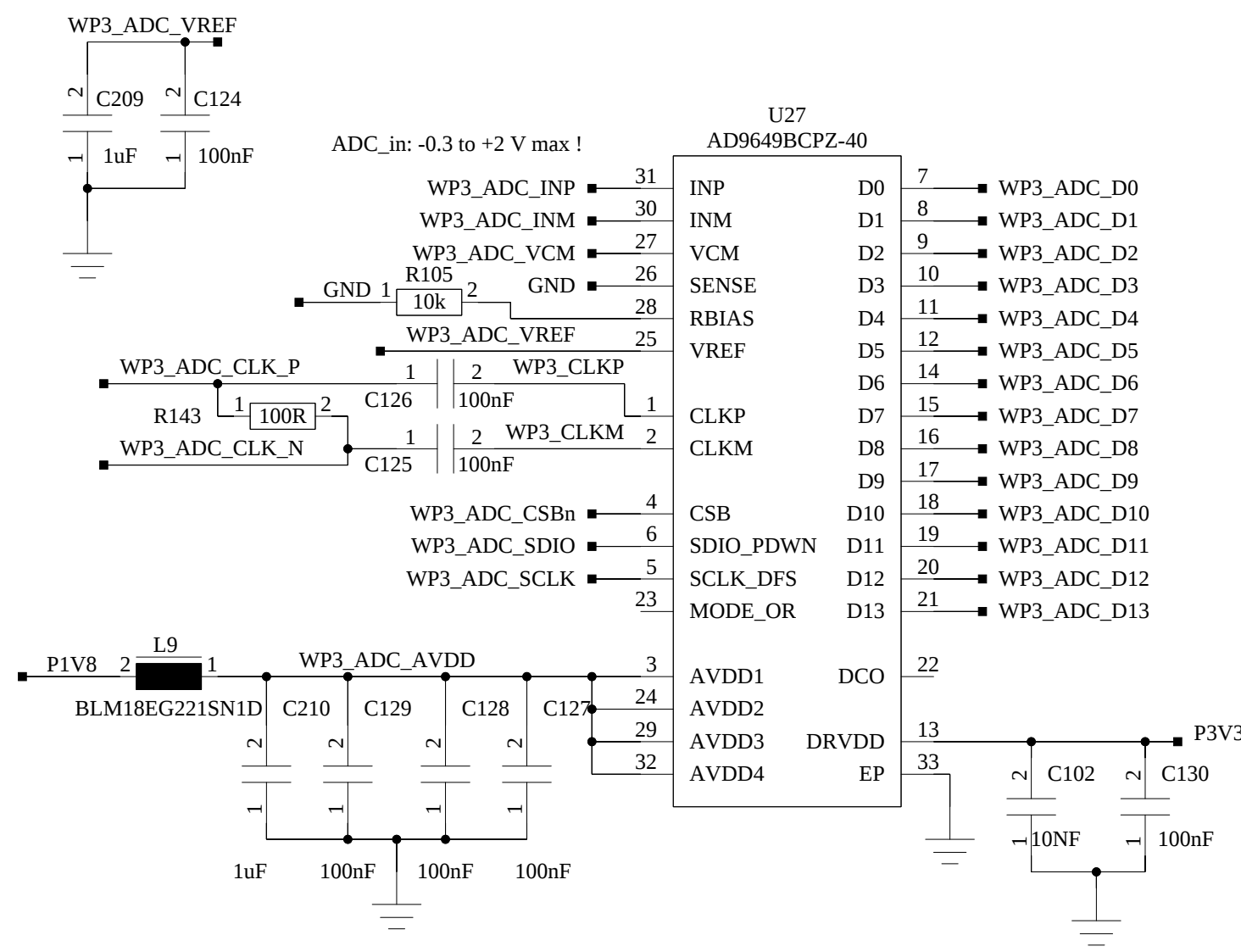
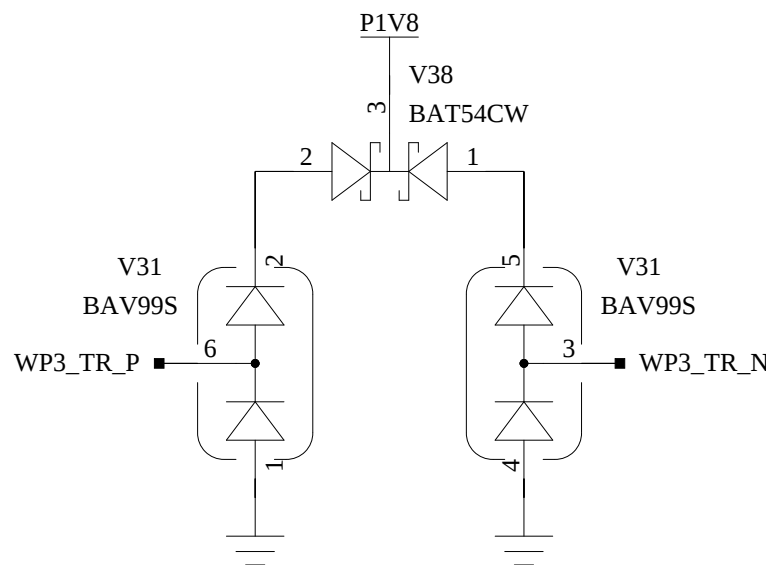
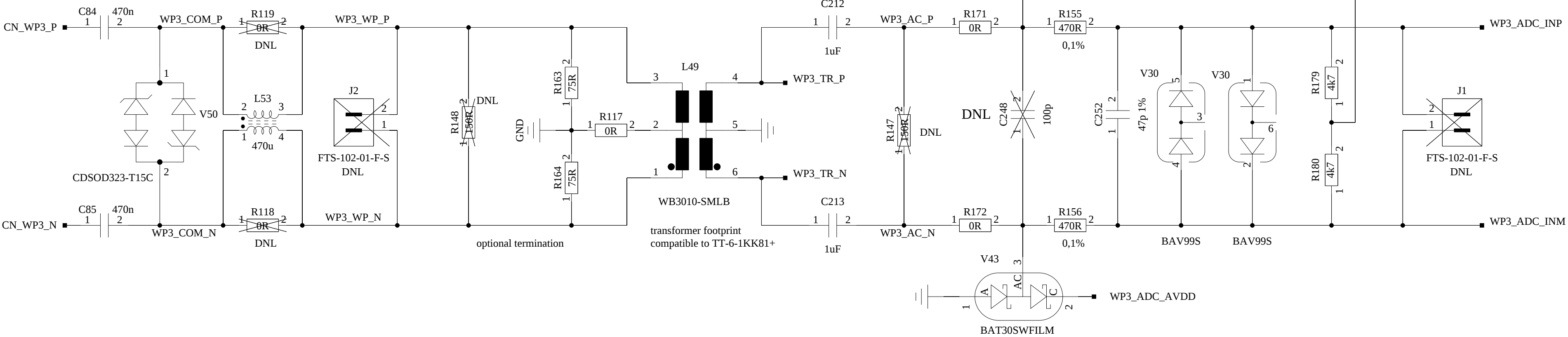




Developer:	Karl-Heinz Sulanke	Project: IceCube Upgrade		
Drawn by:	Karl-Heinz Sulanke	Schematic: FDOR-9485-00	Sheet: com0	
Checked by:	Kalle	PCB name: FDOR_1		
Description: Fieldhub DOM Readout & Control Board, Rev. 1			PCB No: 9485-00	A3
 Deutsches Elektronen-Synchrotron Platanenallee 6, 15738 Zeuthen, Germany DESY group: Zeuthen-EL	Variant: Default		Located at:	
	Date changed: 18/02/2022:08:54		Block page:	
	Date of prod. data: 13/01/2022		Sheet No.: 8 Total: 11	



Developer: Karl-Heinz Sulanke		Project: IceCube Upgrade			
Drawn by: Karl-Heinz Sulanke		Schematic: FDOR-9485-00	Sheet: com1		
Checked by: Kalle		PCB name: FDOR_1			
Description: Fieldhub DOM Readout & Control Board, Rev. 1			PCB No: 9485-00	A3	
	Deutsches Elektronen-Synchrotron Platanenallee 6, 15738 Zeuthen, Germany DESY group: Zeuthen-EL	Variant: Default		Located at:	
		Date changed: 18/02/2022:08:54		Block page:	
		Date of prod. data: 13/01/2022		Sheet No.: 9 Total: 11	



Developer:	Karl-Heinz Sulanke	Project:	IceCube Upgrade	
Drawn by:	Karl-Heinz Sulanke	Schematic:	FDOR-9485-00	Sheet: com3
Checked by:	Kalle	PCB name:	FDOR_1	
Description:	Fieldhub DOM Readout & Control Board, Rev. 1			PCB No: 9485-00
	Deutsches Elektronen-Synchrotron Platanenallee 6, 15738 Zeuthen, Germany DESY group: Zeuthen-EL			A3
	Variant:	Default	Located at:	
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