

DSP

Connectors

Solar_Panel_Voltage
Accumulator_Voltage
VOUT+
VOUT-

Solar_Panel_Voltage
Accumulator_Voltage
VOUT+
VOUT-

Temp_B1
Temp_B2
Temp_INV1
Temp_INV2
Temp_INV3
Temp_INV4
ADC_SOLAR
ADC_ACCU
ADC_INV_OUT

Temp_B1
Temp_B2
Temp_INV1
Temp_INV2
Temp_INV3
Temp_INV4
ADC_SOLAR
ADC_ACCU
ADC_INV_OUT

TZ1
TZ2
Boost_Current
Inverter_Current

TZ1
TZ2
Boost_Current
Inverter_Current_1

USBDP
USBDM
SCIRX
SCITX

USBDP
USBDM
SCIRX
SCITX

Current Measurement

TZ1
TZ2
Boost_Current
Inverter_Current_1

Hall_sensor.SchDoc

USB

USBDP
USBDM
SCIRX
SCITX

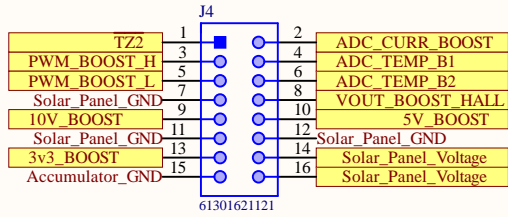
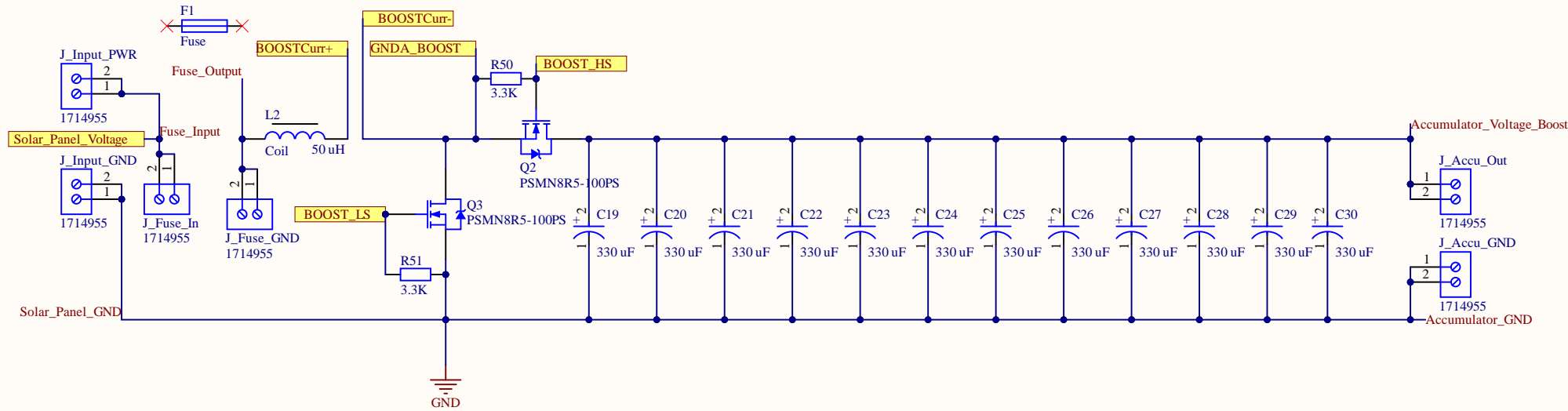
USB_and_FTDI.SchDoc

DSP.SchDoc

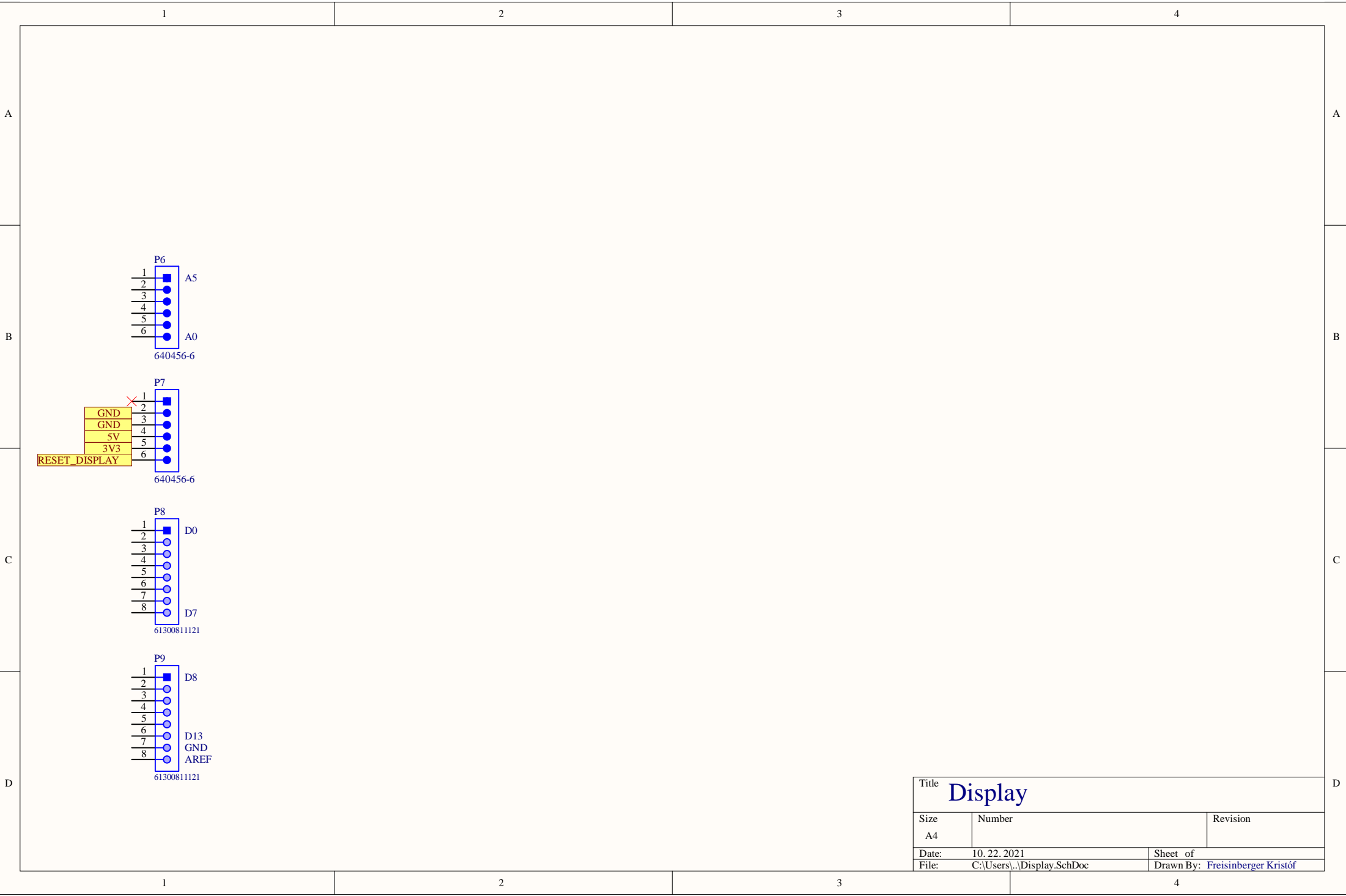
Connectors.SchDoc

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Block Design			
Size	Number		Revision
A4			
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File:	C:\Users\...\Block_Design.SchDoc	Drawn By:	Freisinberger Kristóf

Boost Converter

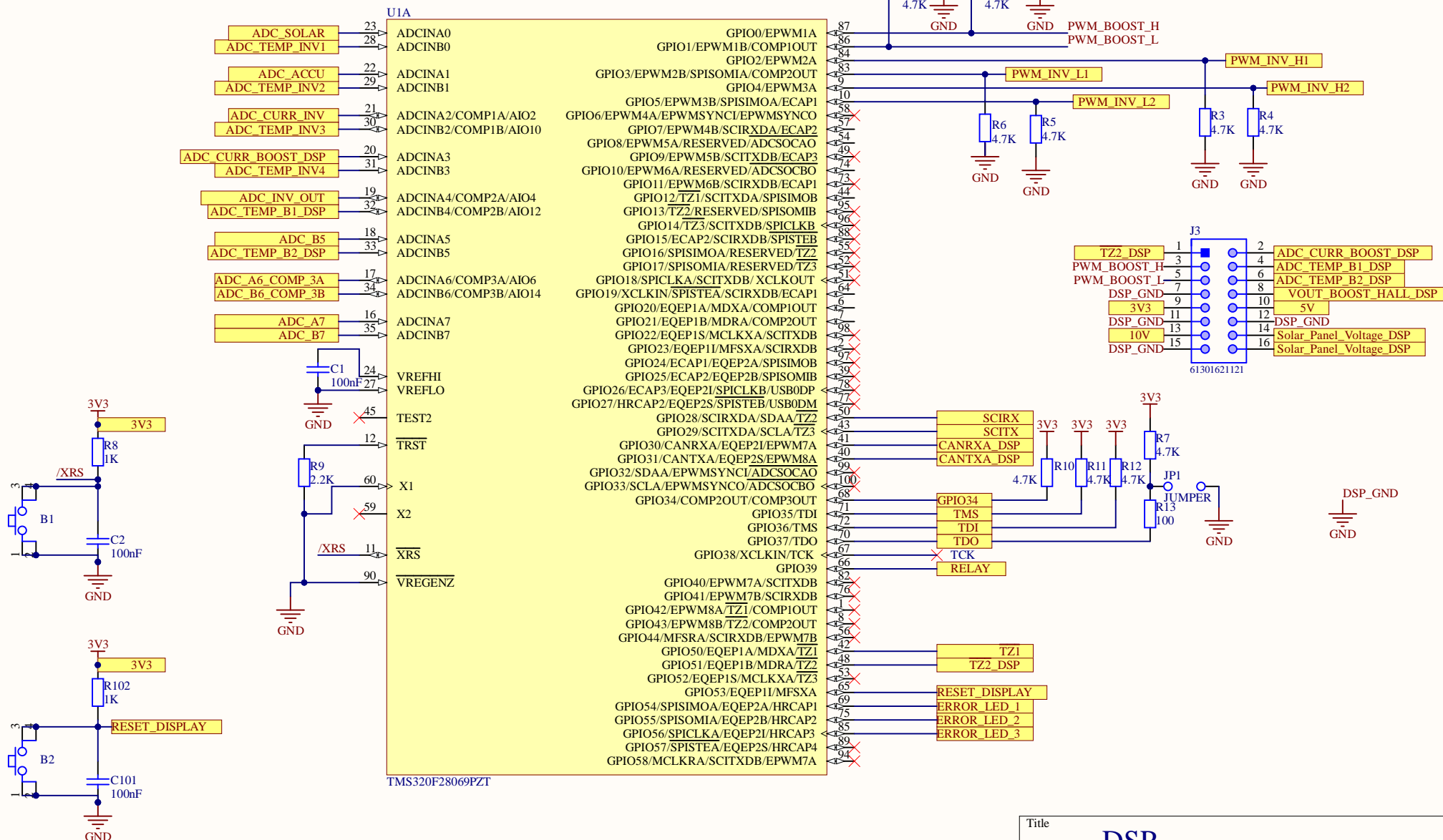


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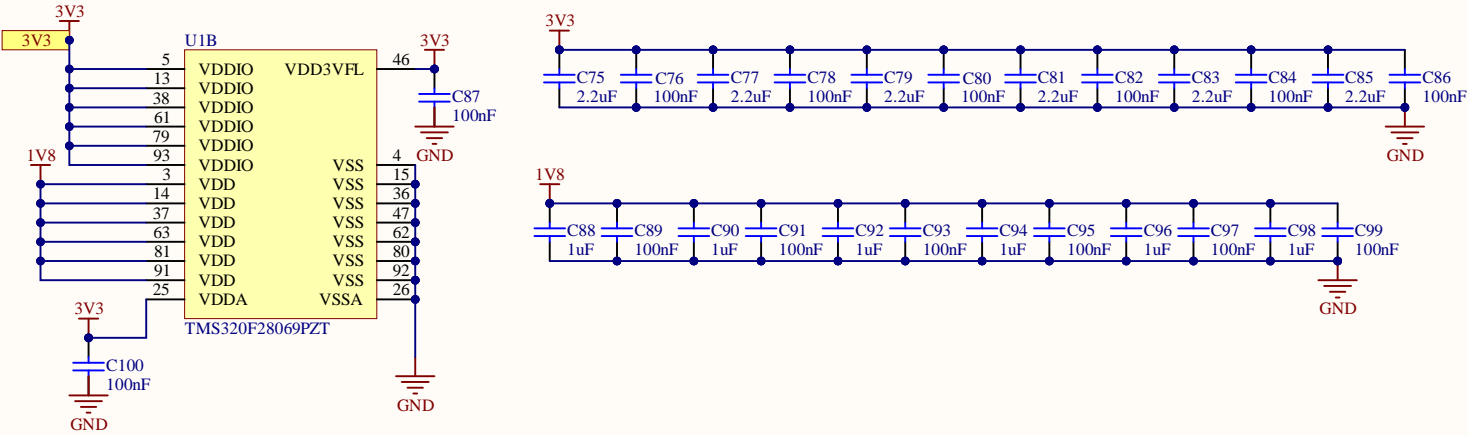
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DSP



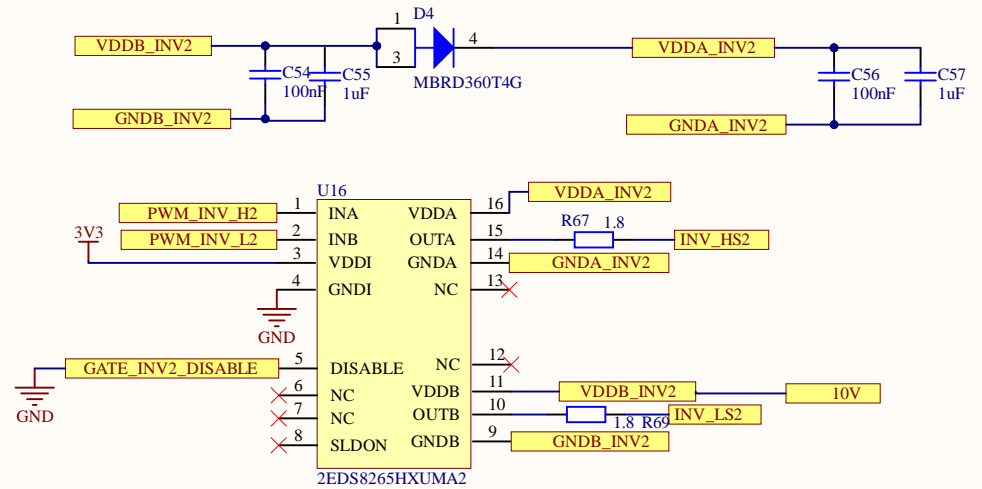
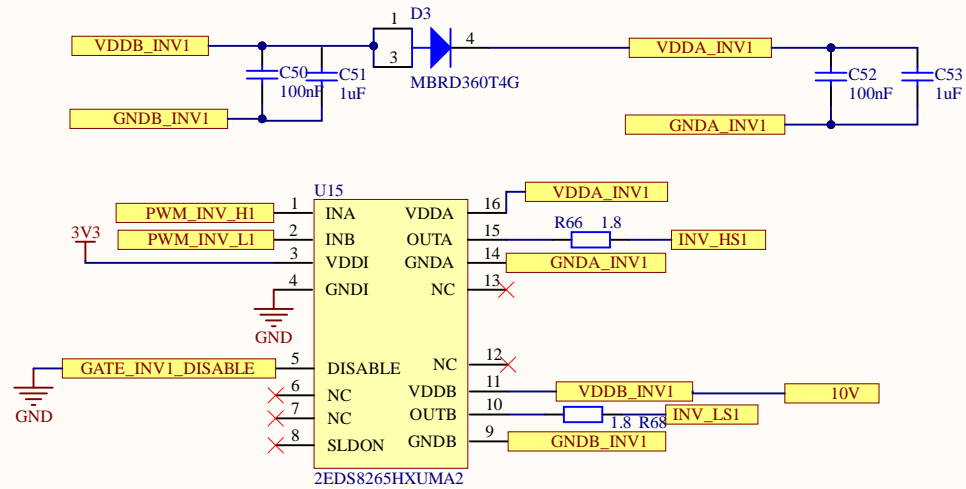
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DSP Supply Pins

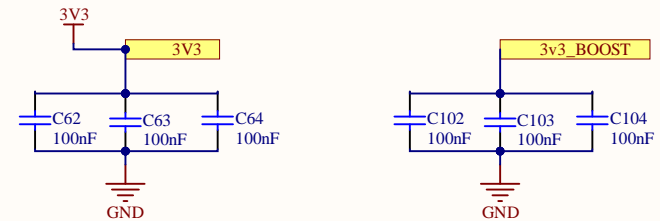
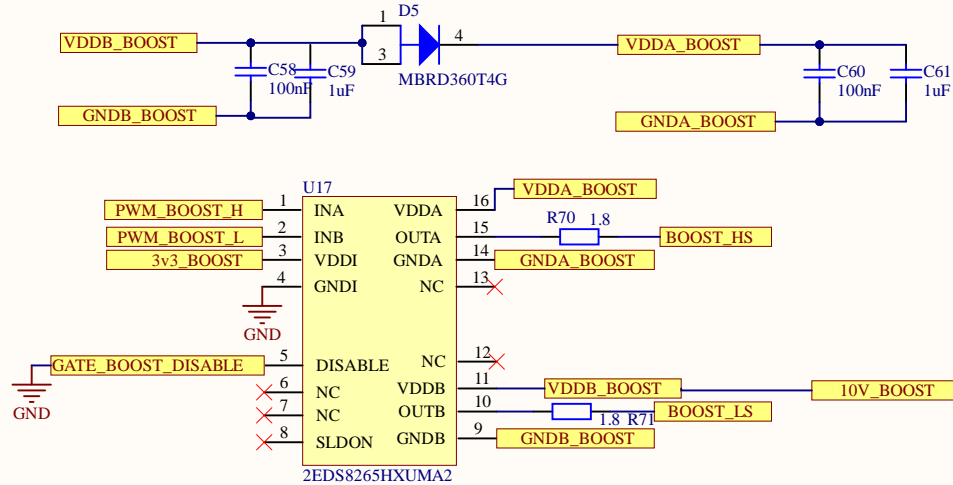


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DSP Supply		
Size	Number	Revision
A4		
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Inverter Gate Driver

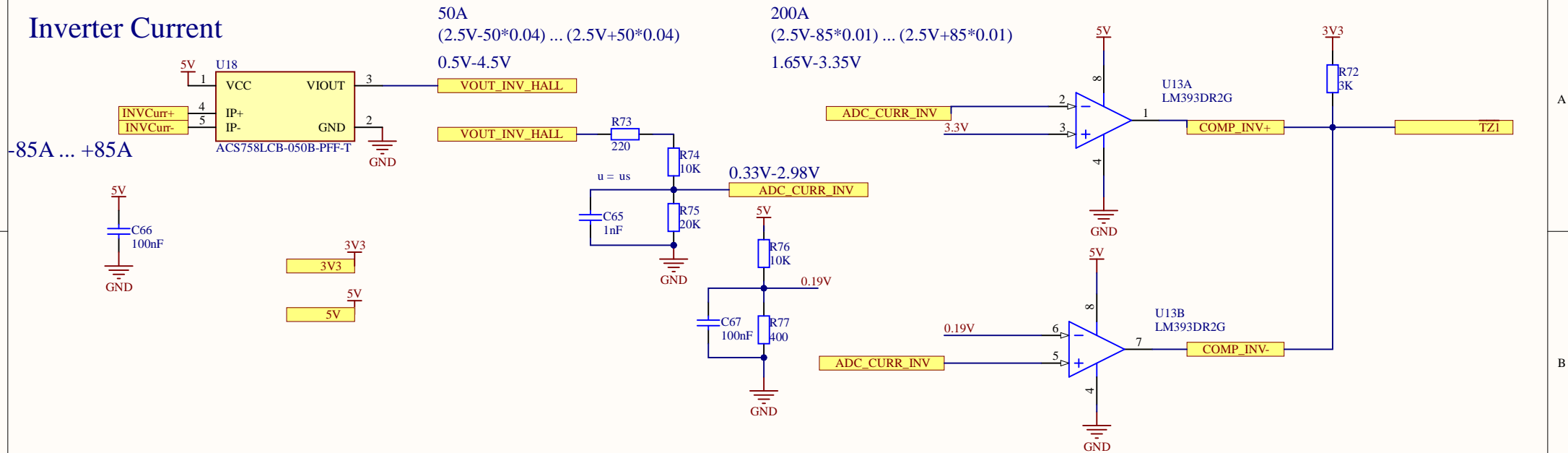


Boost Gate Driver

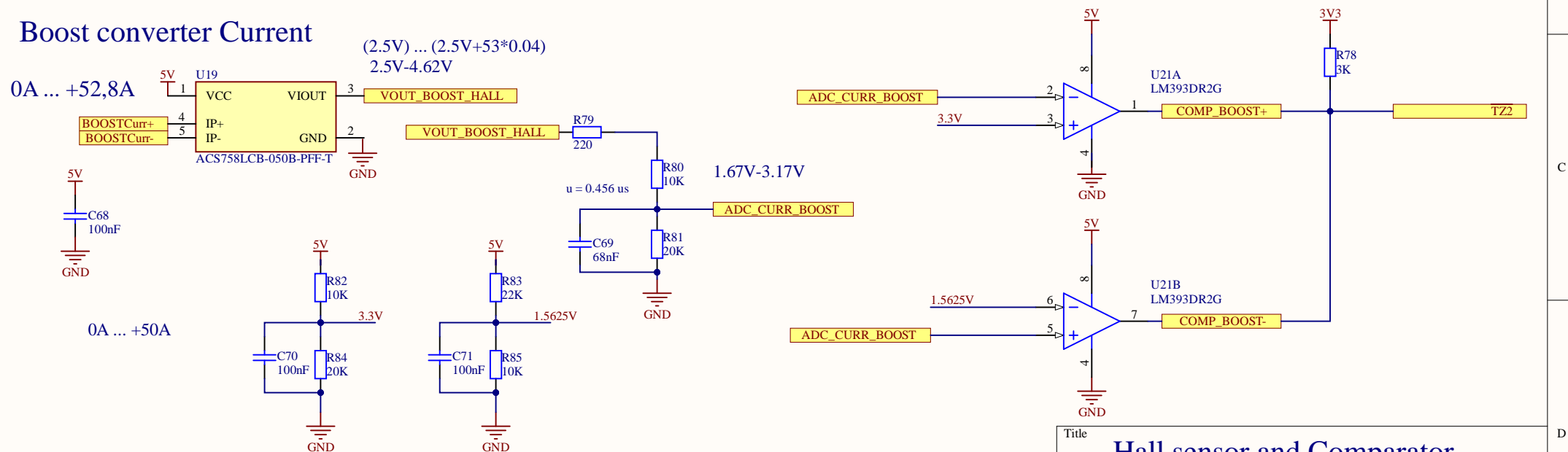


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Gate Driver		
Size	Number	Revision
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File:	C:\Users\...\Gate-Driver.SchDoc	Drawn By: Freisinberger Kristóf

Inverter Current

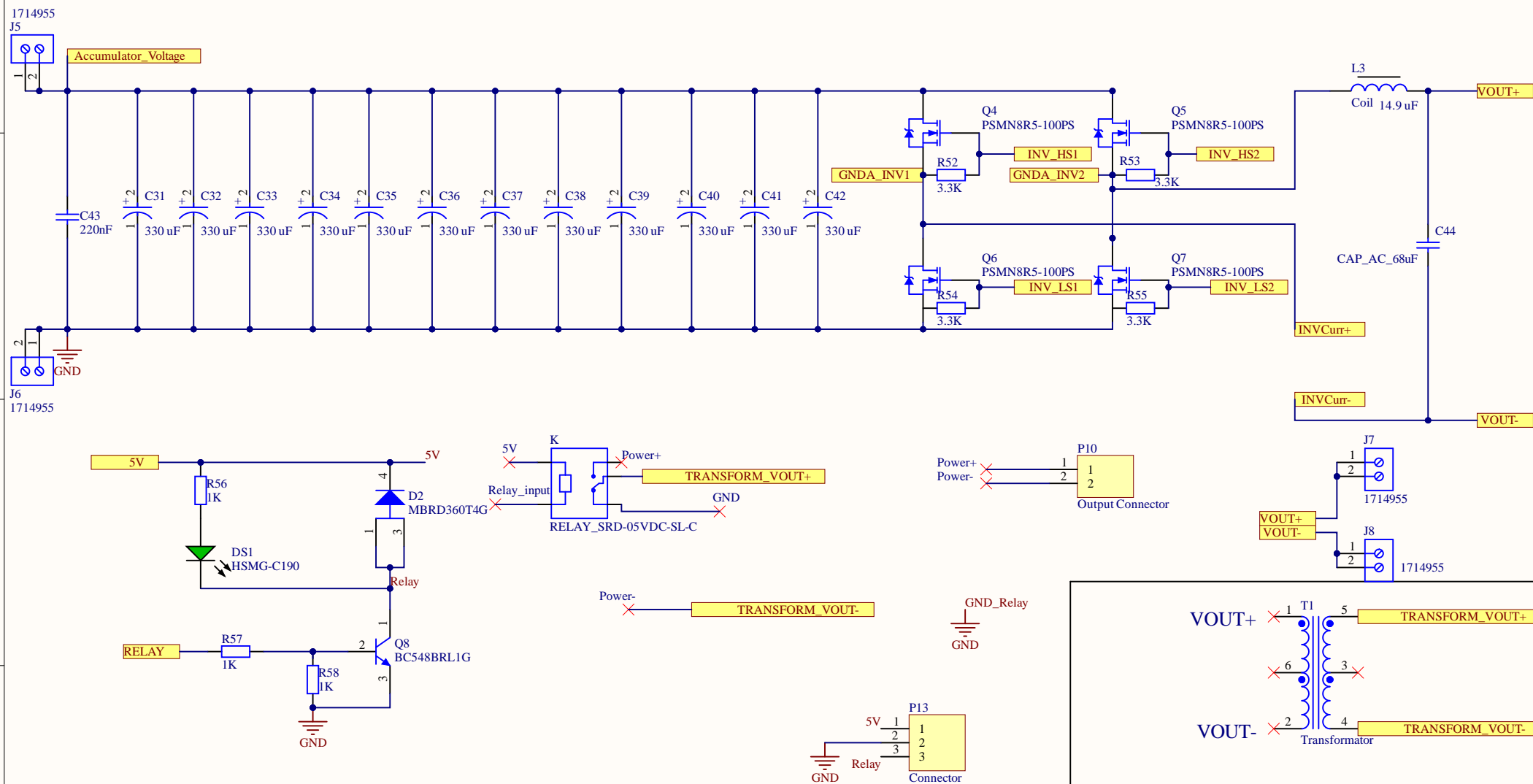


Boost converter Current



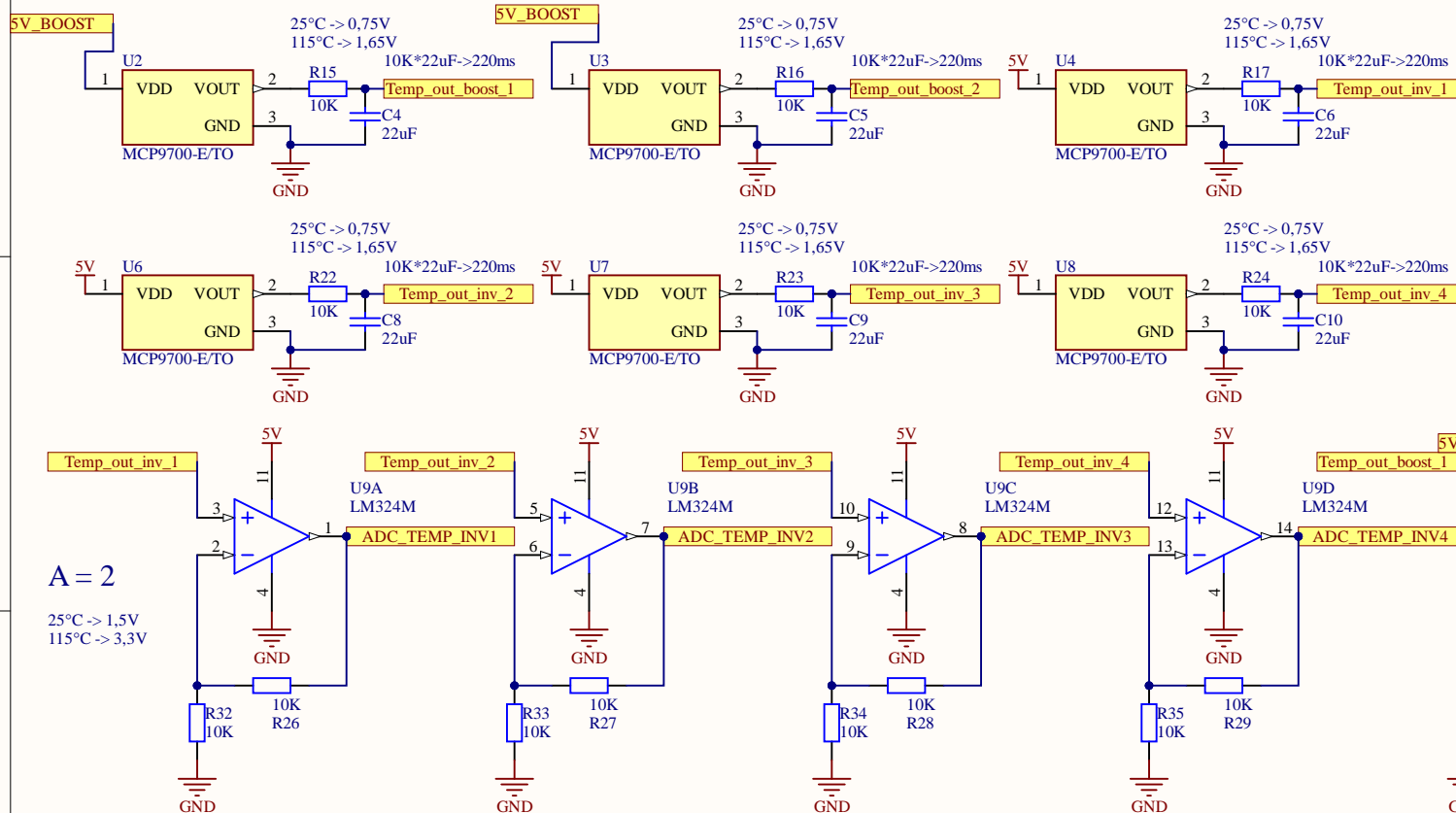
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Hall sensor and Comparator		
Size A4	Number	Revision
Date: 10. 22. 2021	Sheet of	
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Inverter

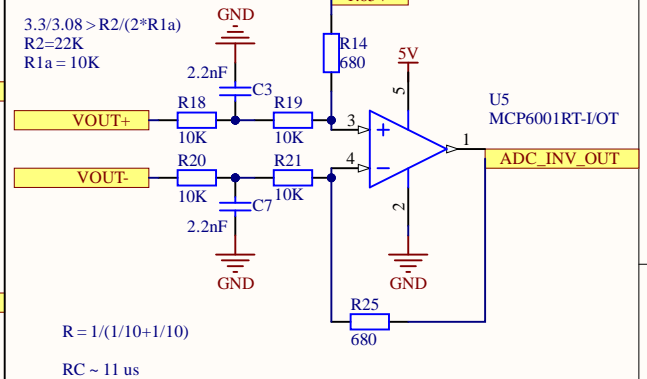


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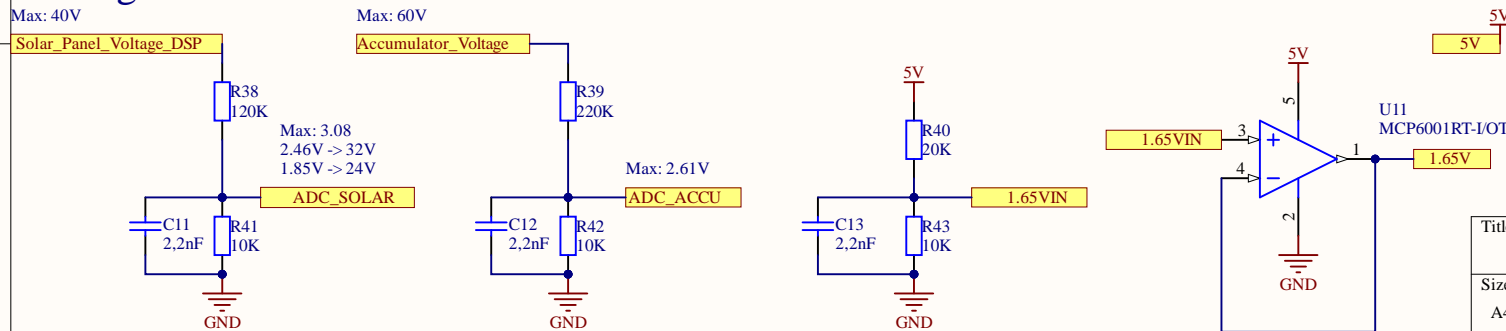
Temperature Measurement



Inverter Voltage

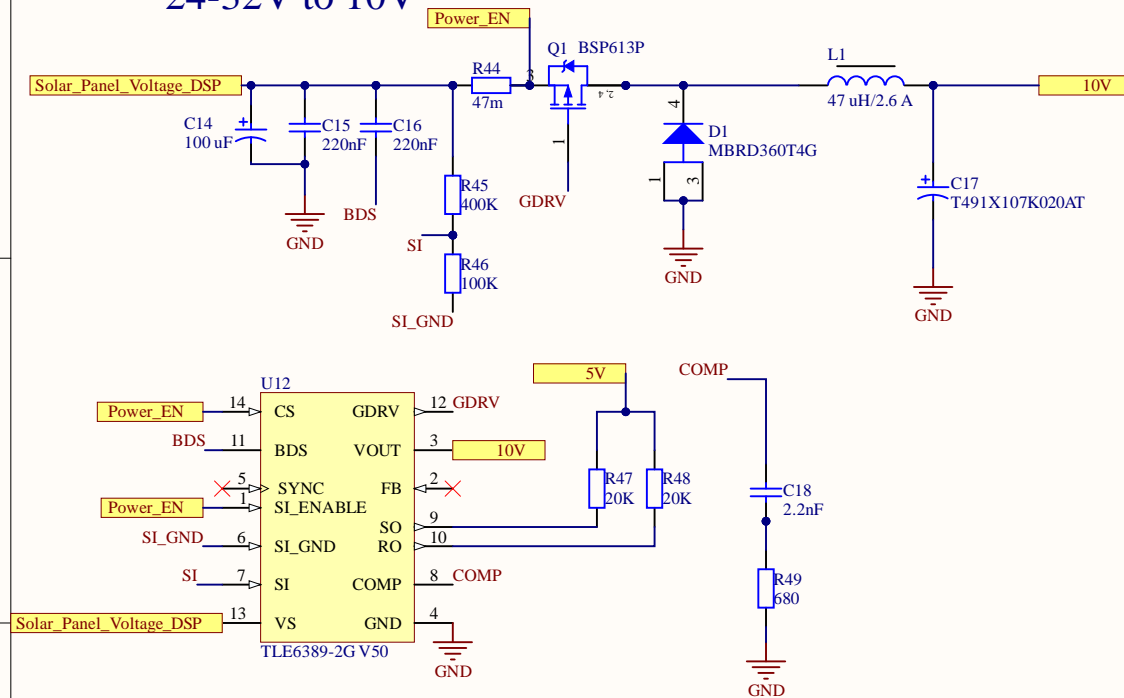


Voltage Measurement



Title		
Measurements Voltage and Temperature		
Size	Number	Revision
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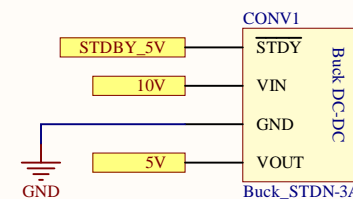
24-32V to 10V



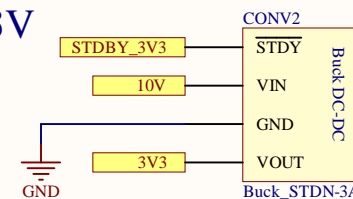
ON



10V to 5V



10V to 3,3V



Title		
Power Supply		
Size	Number	Revision
A4		
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Title USB_FTDI		
Size A4	Number	Revision
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