
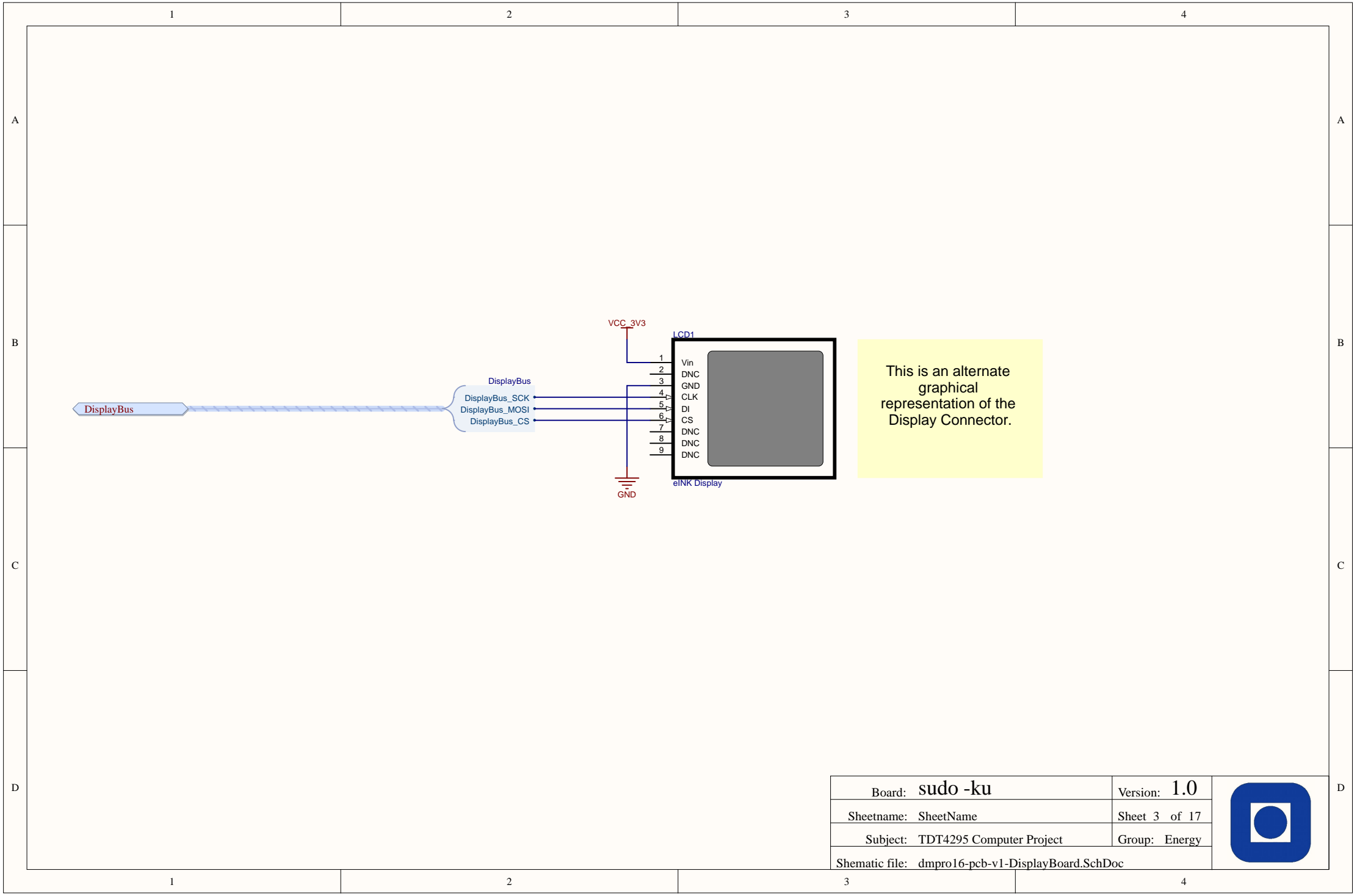

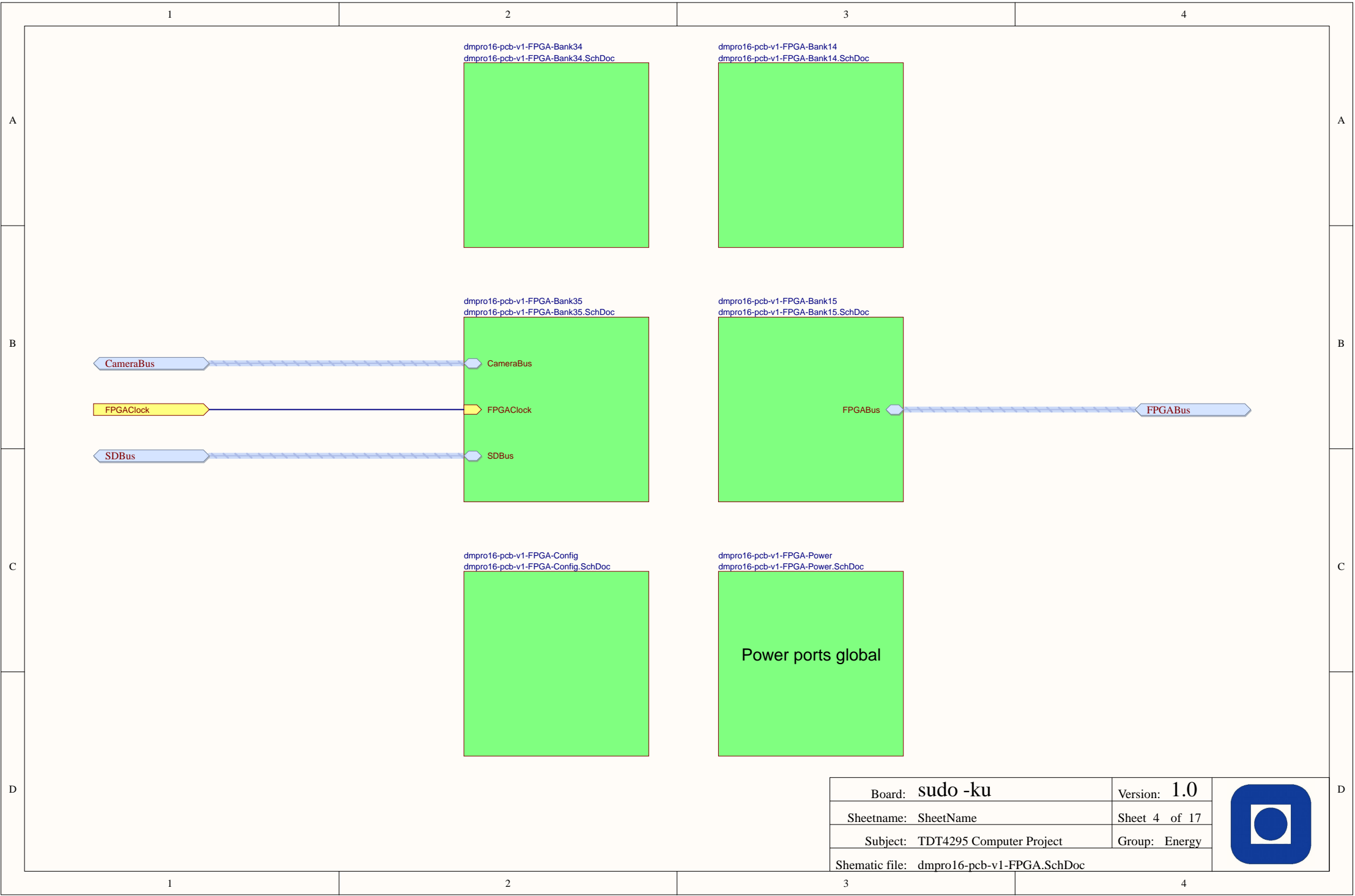


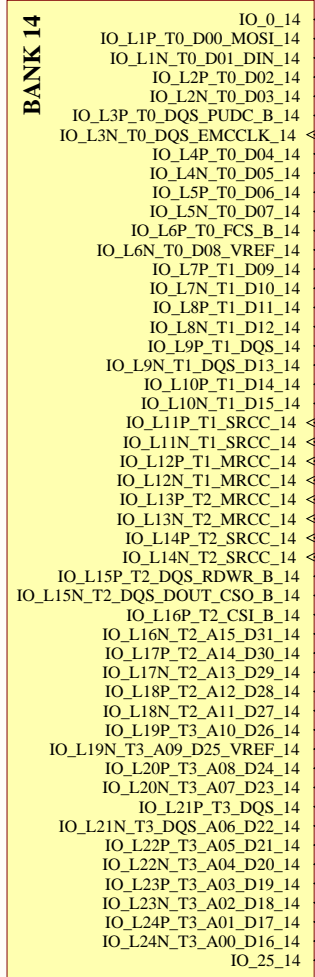
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Size: A4	Number: 2	Revision:		
Date: 09.10.2016	Time: 14.06.01	Sheet 2 of 17		
File: C:\Users\magnehh\Documents\GitHub\dmpro16\documents\deliveries\pcb\dmpro16-pcb-v1\dmpro16-pcb-v1-CameraBoard.Sc				



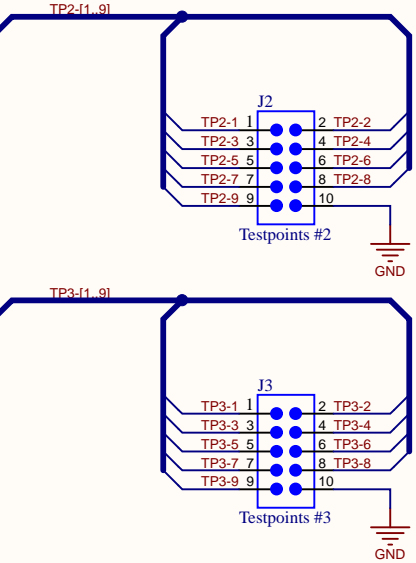
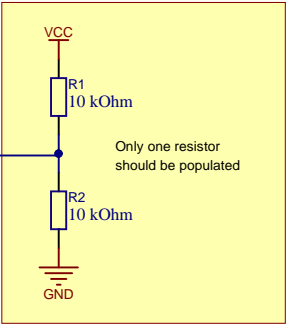
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Sheetname: SheetName	Sheet 3 of 17	
Subject: TDT4295 Computer Project	Group: Energy	
Schematic file: dmpro16-pcb-v1-DisplayBoard.SchDoc		



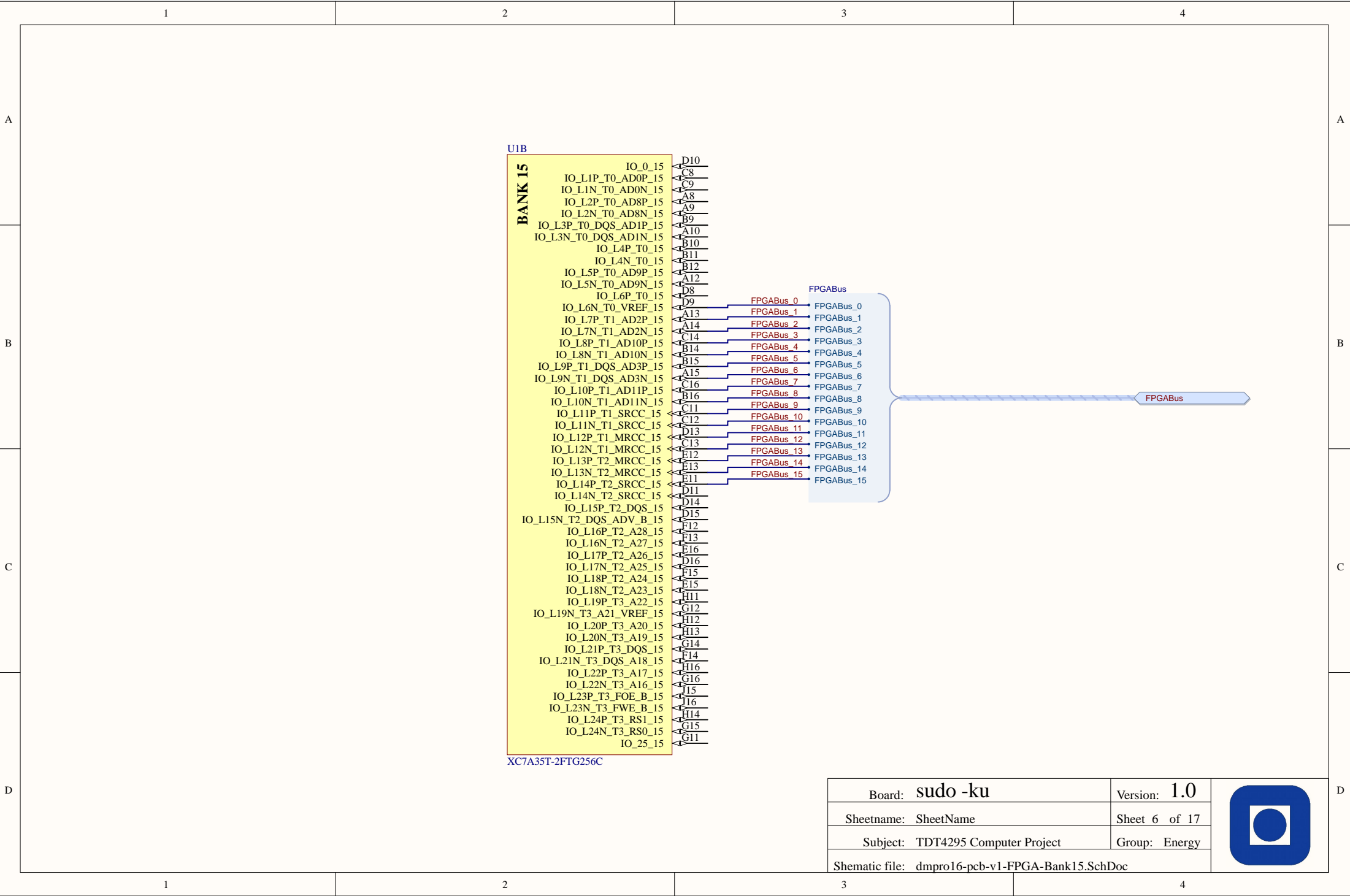
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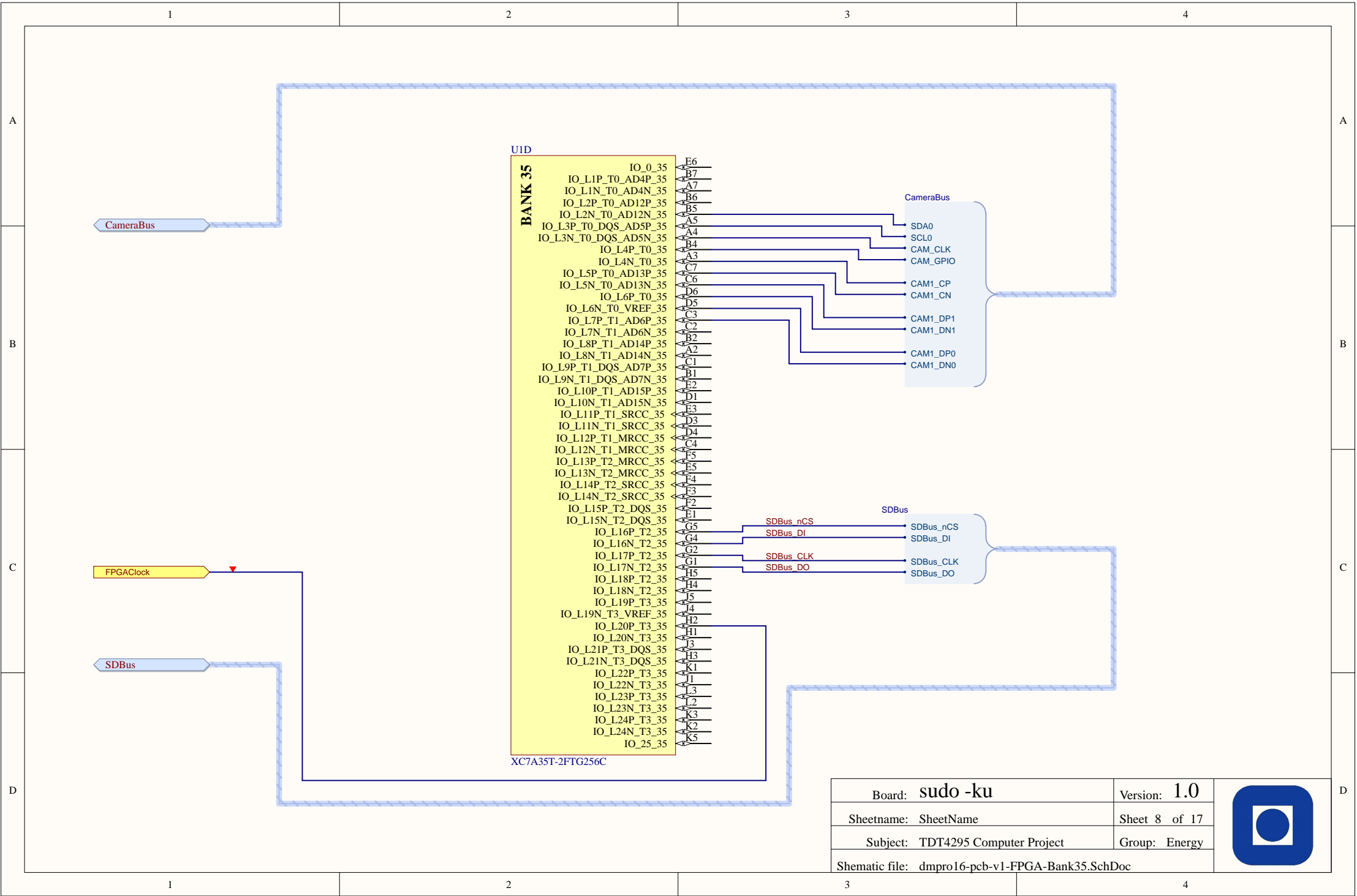


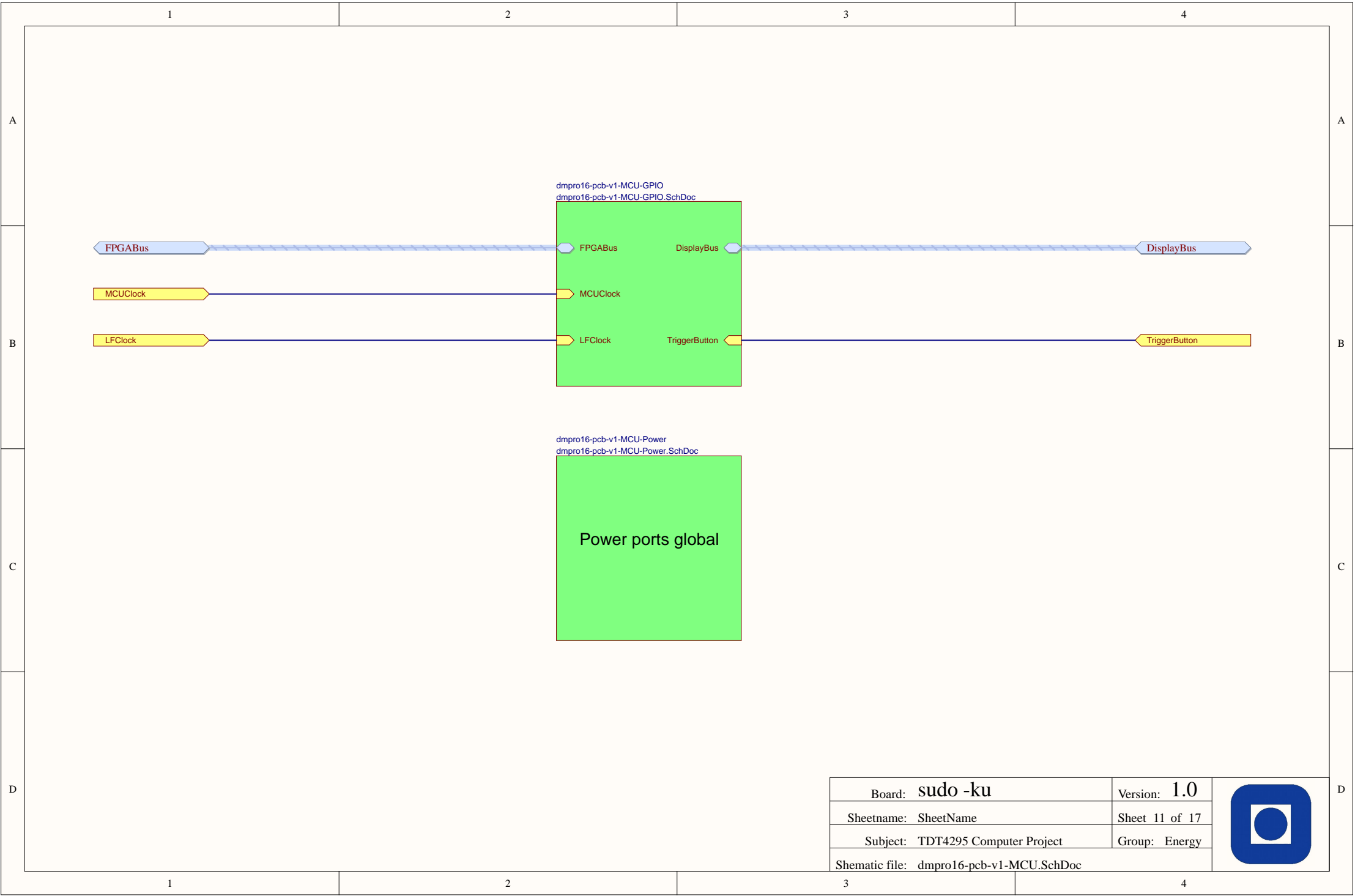
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Board: sudo -ku	Version: 1.0	
Sheetname: SheetName	Sheet 5 of 17	
Subject: TDT4295 Computer Project	Group: Energy	
Schematic file: dmp16-pcb-v1-FPGA-Bank14.SchDoc		







Board: sudo -ku	Version: 1.0	
Sheetname: SheetName	Sheet 11 of 17	
Subject: TDT4295 Computer Project	Group: Energy	
Schematic file: dmpro16-pcb-v1-MCU.SchDoc		

1

2

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4

A

A

B

B

C

C

D

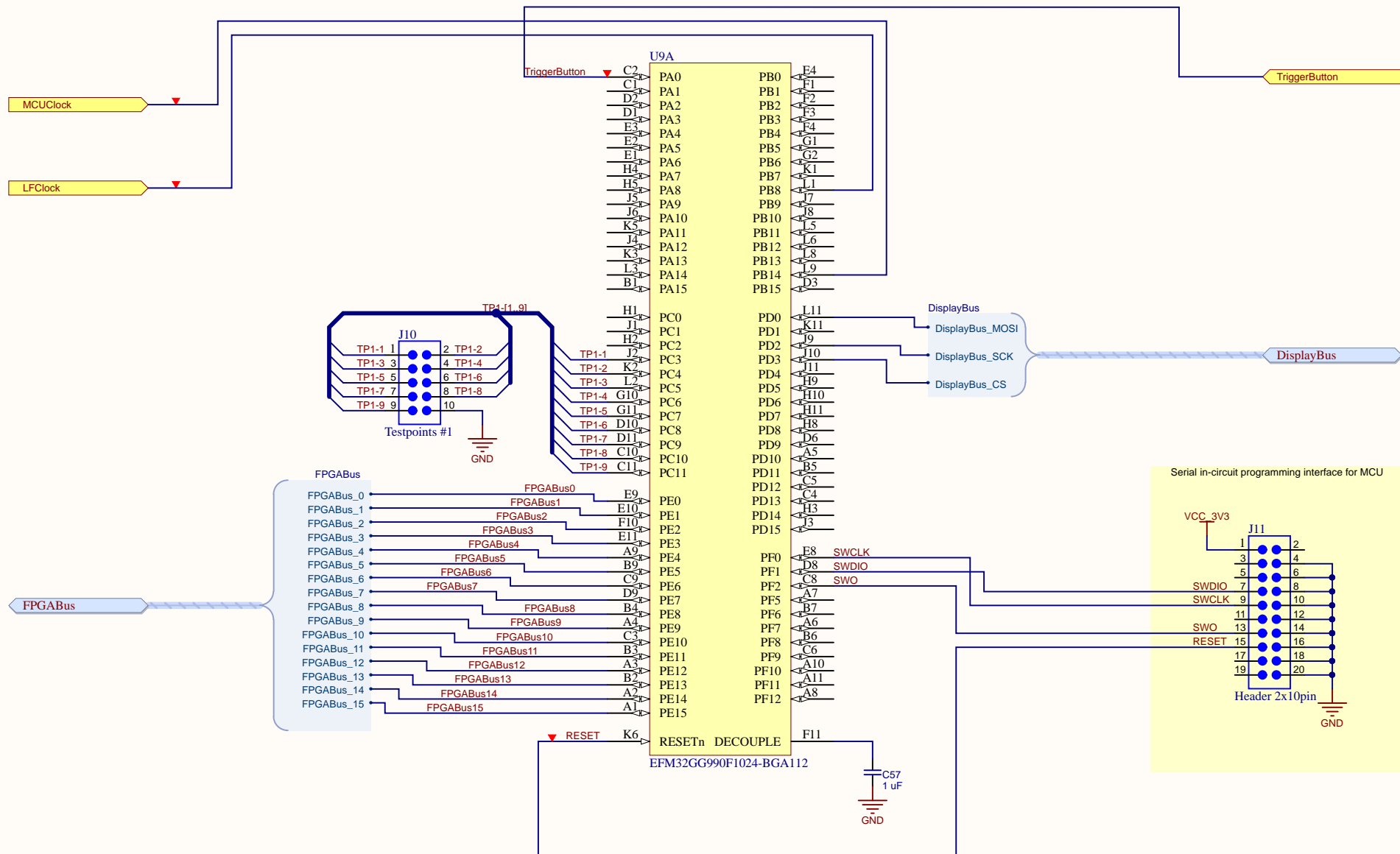
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1

2

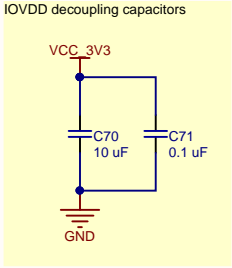
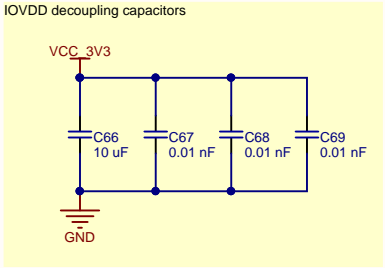
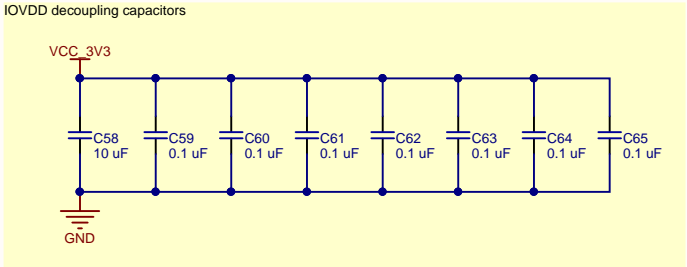
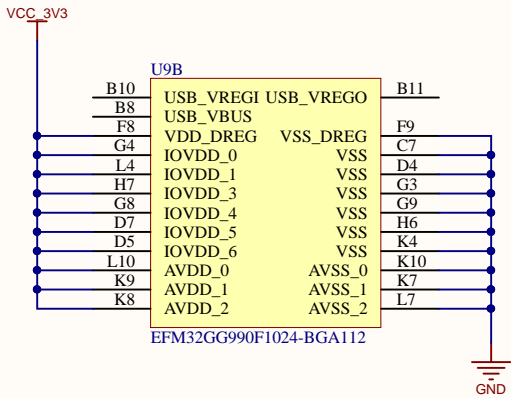
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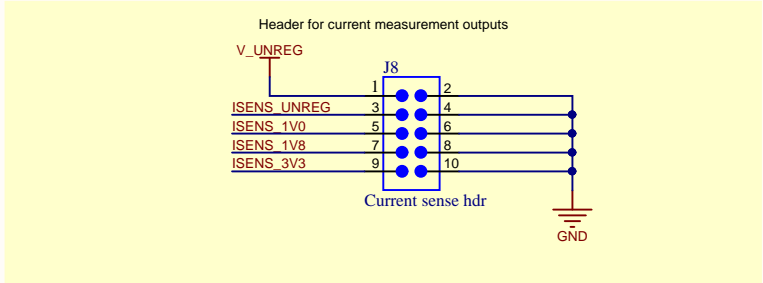
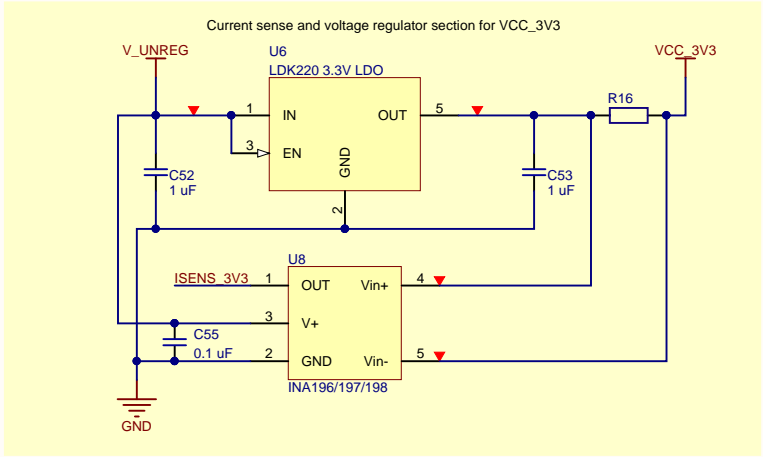
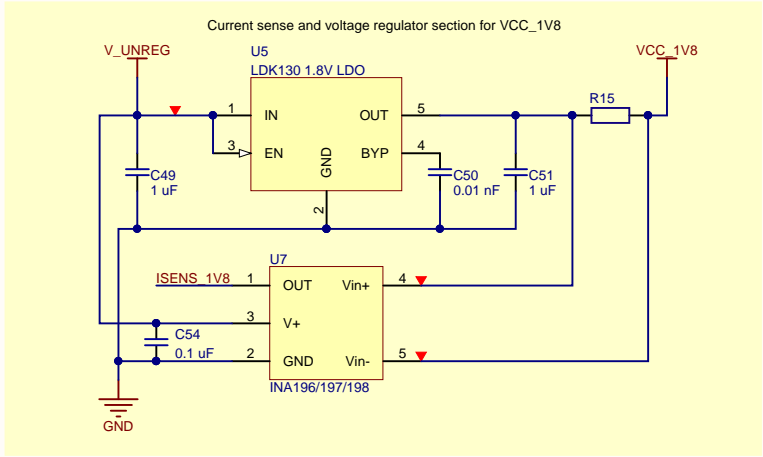
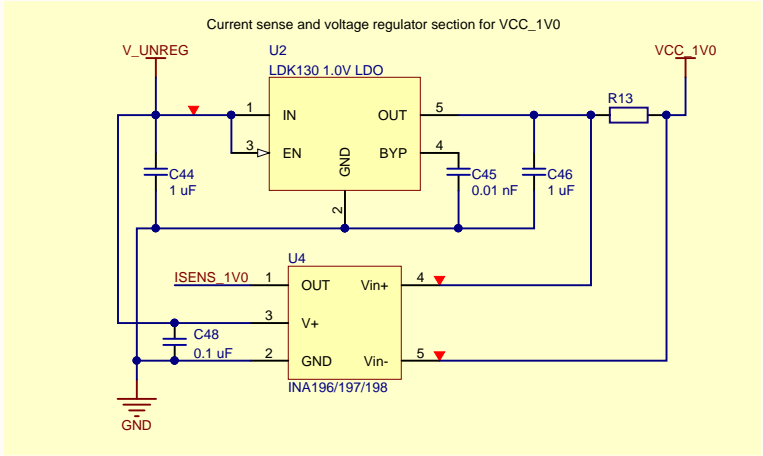
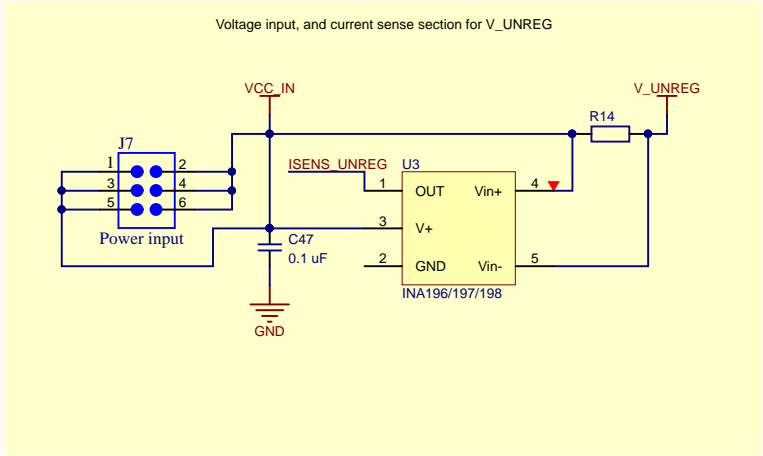
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Sheetname: SheetName	Sheet 12 of 17
Subject: TDT4295 Computer Project	Group: Energy
Schematic file: dmpro16-pcb-v1-MCU-GPIO.SchDoc	





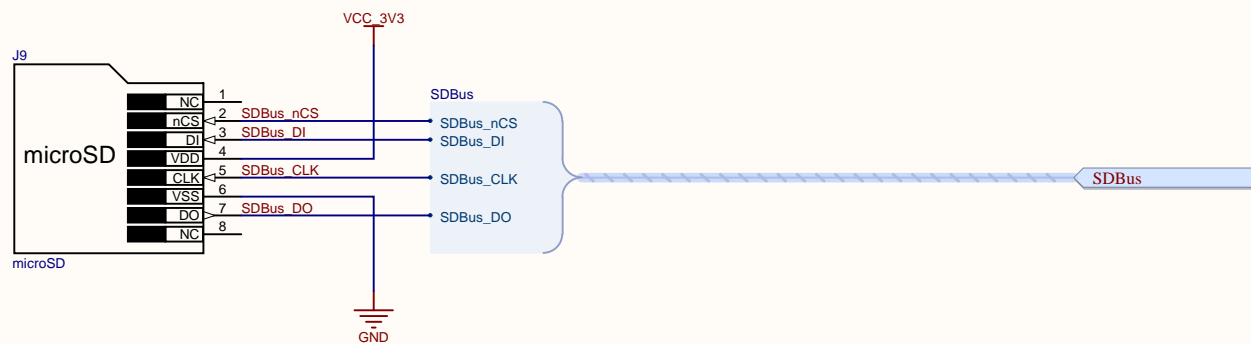
Board: sudo -ku	Version: 1.0	
Sheetname: SheetName	Sheet 13 of 17	
Subject: TDT4295 Computer Project	Group: Energy	
Schematic file: dmp16-pcb-v1-MCU-Power.SchDoc		


▲ We assume 4 AAA cells provide battery power to the device. Ideally, one would use Li-ion batteries and switch mode power supplies

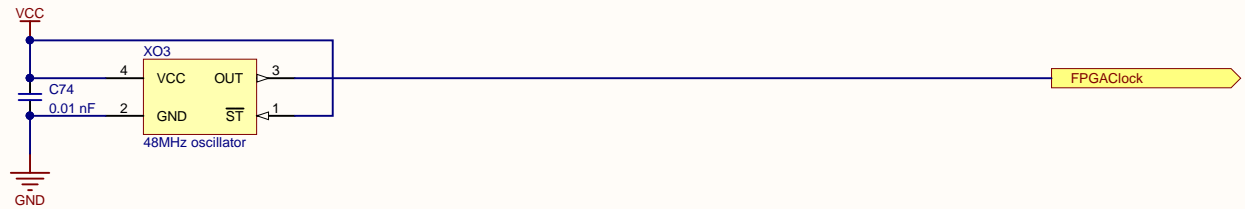
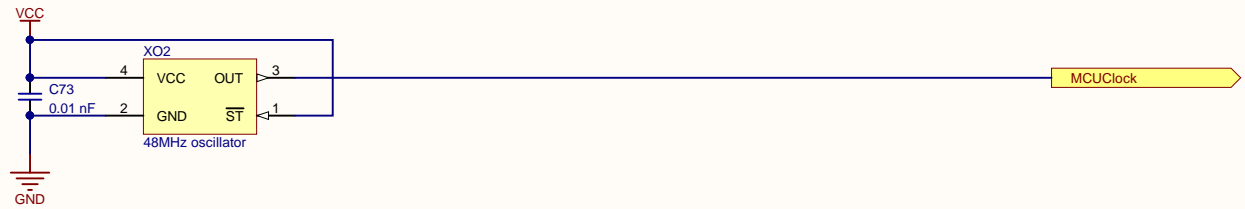
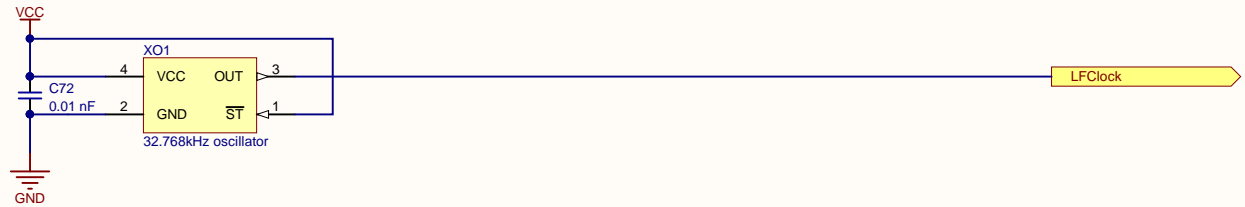



Board: sudo -ku	Version: 1.0
Sheetname: SheetName	Sheet 14 of 17
Subject: TDT4295 Computer Project	Group: Energy
Schematic file: dmpro16-pcb-v1-PowerSupply.SchDoc	





Board: sudo -ku	Version: 1.0	
Sheetname: SheetName	Sheet 15 of 17	
Subject: TDT4295 Computer Project	Group: Energy	
Schematic file: dmp16-pcb-v1-SDcard.SchDoc		



Board: sudo -ku	Version: 1.0	
Sheetname: SheetName	Sheet 16 of 17	
Subject: TDT4295 Computer Project	Group: Energy	
Schematic file: dmpro16-pcb-v1-SystemClock.SchDoc		

