

Bias Card Master Sheet
BC_Interface.SCHDOC;BC_Config.SCHDOC;BC_FPGA1.SCHDOC;BC_FPGA2.SCHDOC;BC_Analog.SCHDOC;BC_SA_Htr.SCHDOC;BC_Low_Noise_Bias.SCHDOC;BC_Mechanical.SchDoe

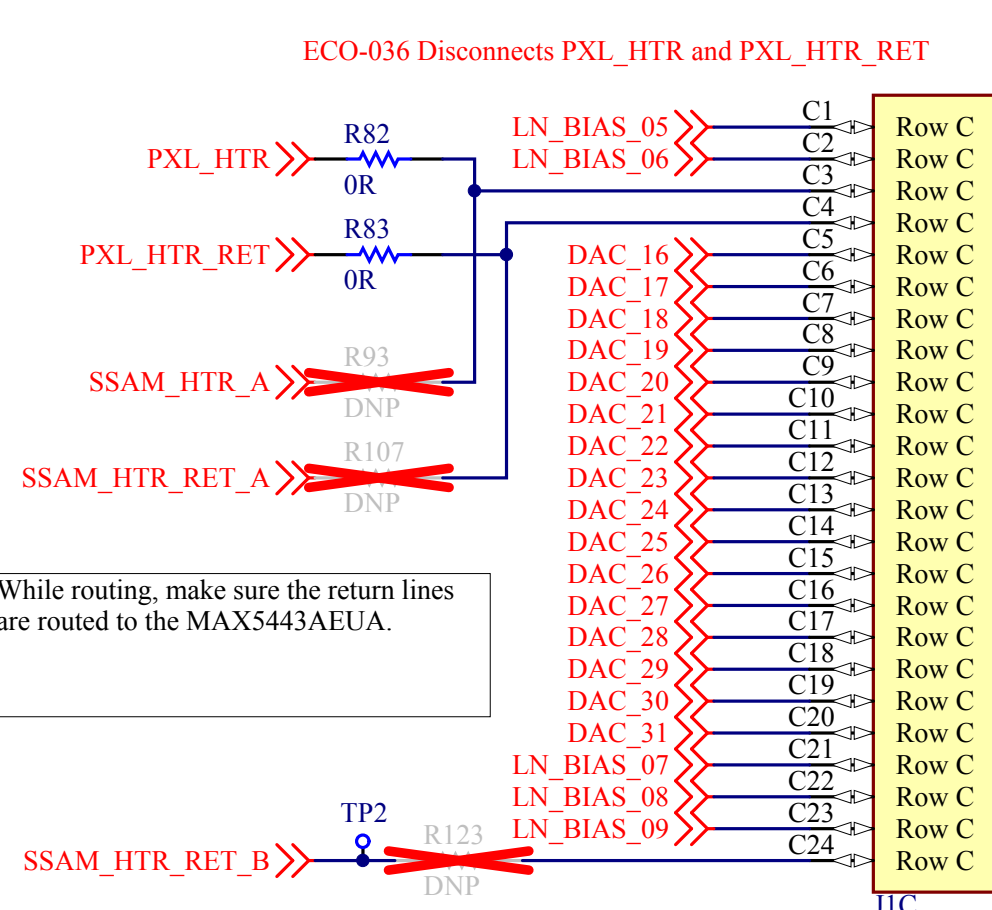
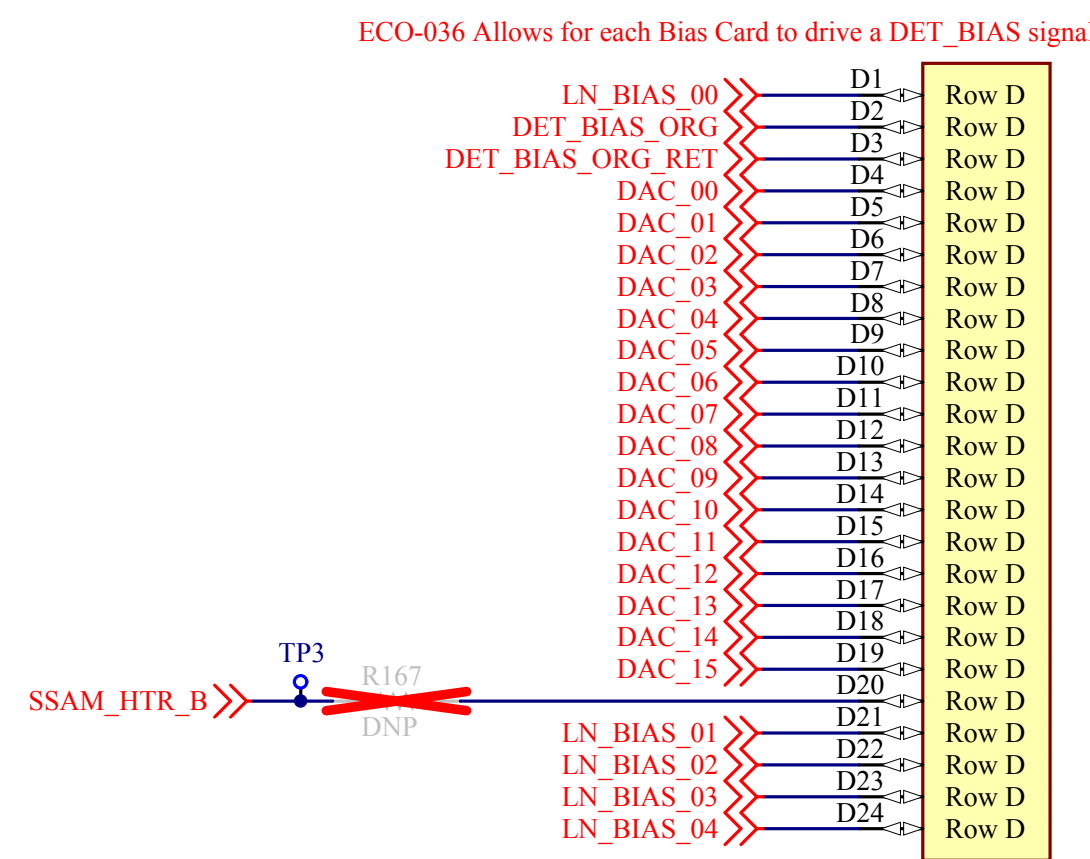
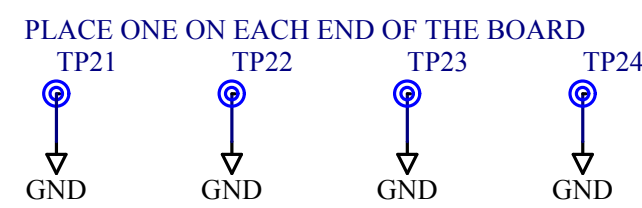


Use UBC Logo
Use UBC Logo

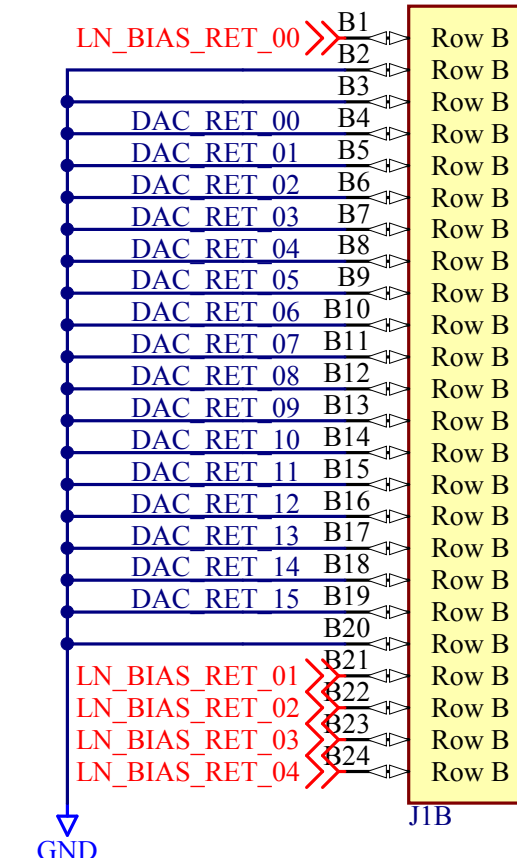
Add Fiducial Point
FP1
Add Fiducial Point
FP2
Add Fiducial Point
FP3
Add Fiducial Point
FP4

Global fiducials should
be located in the four
corners of the PCB board.

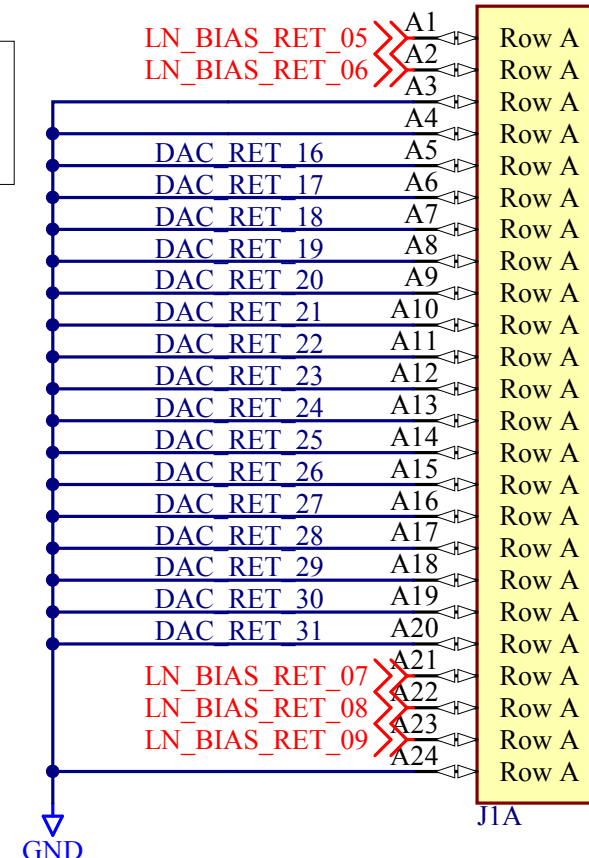
Fiducials should be at least
5mm from the edge of the
board.



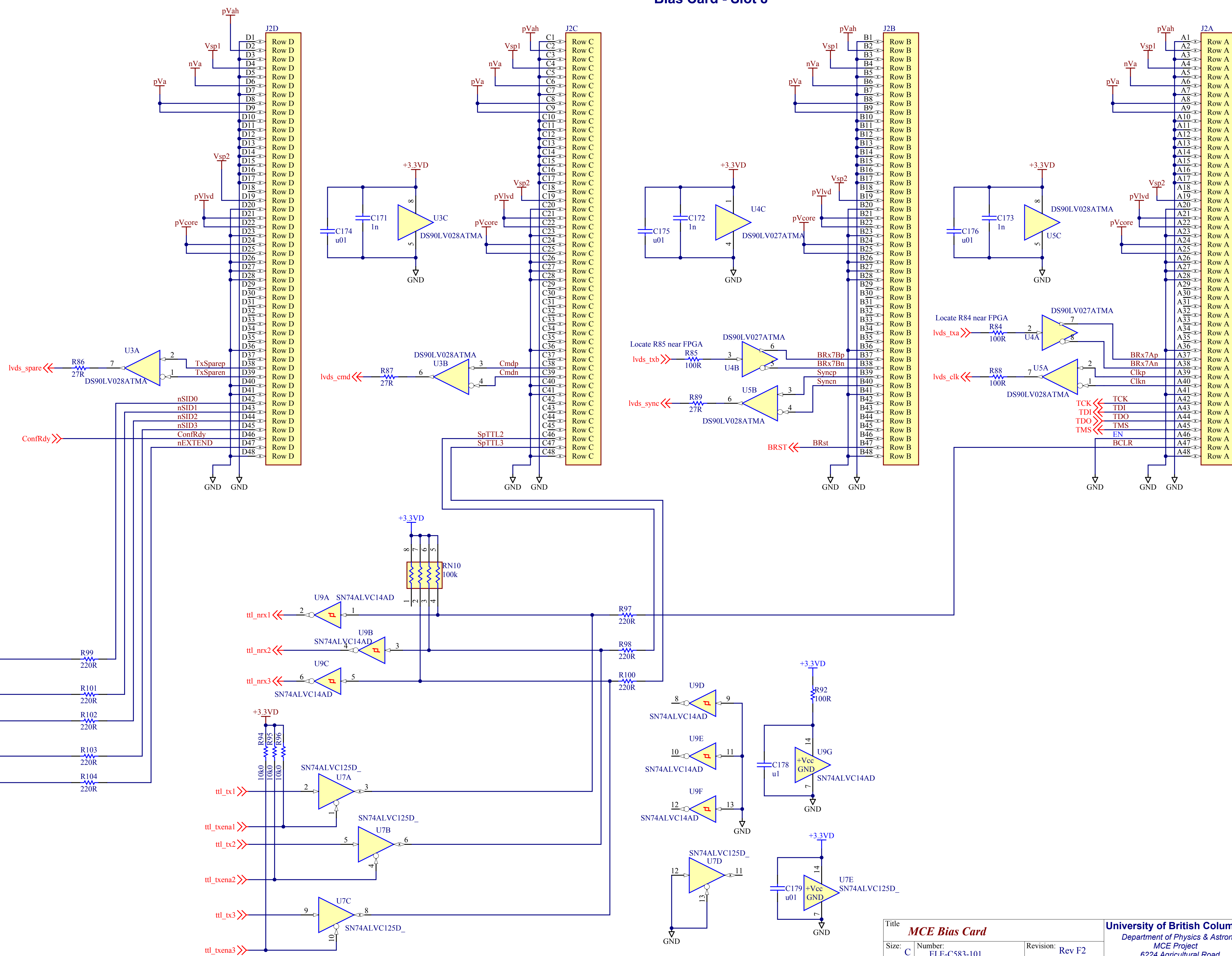
While routing, make sure the return lines are routed to the MAX5443AEUA

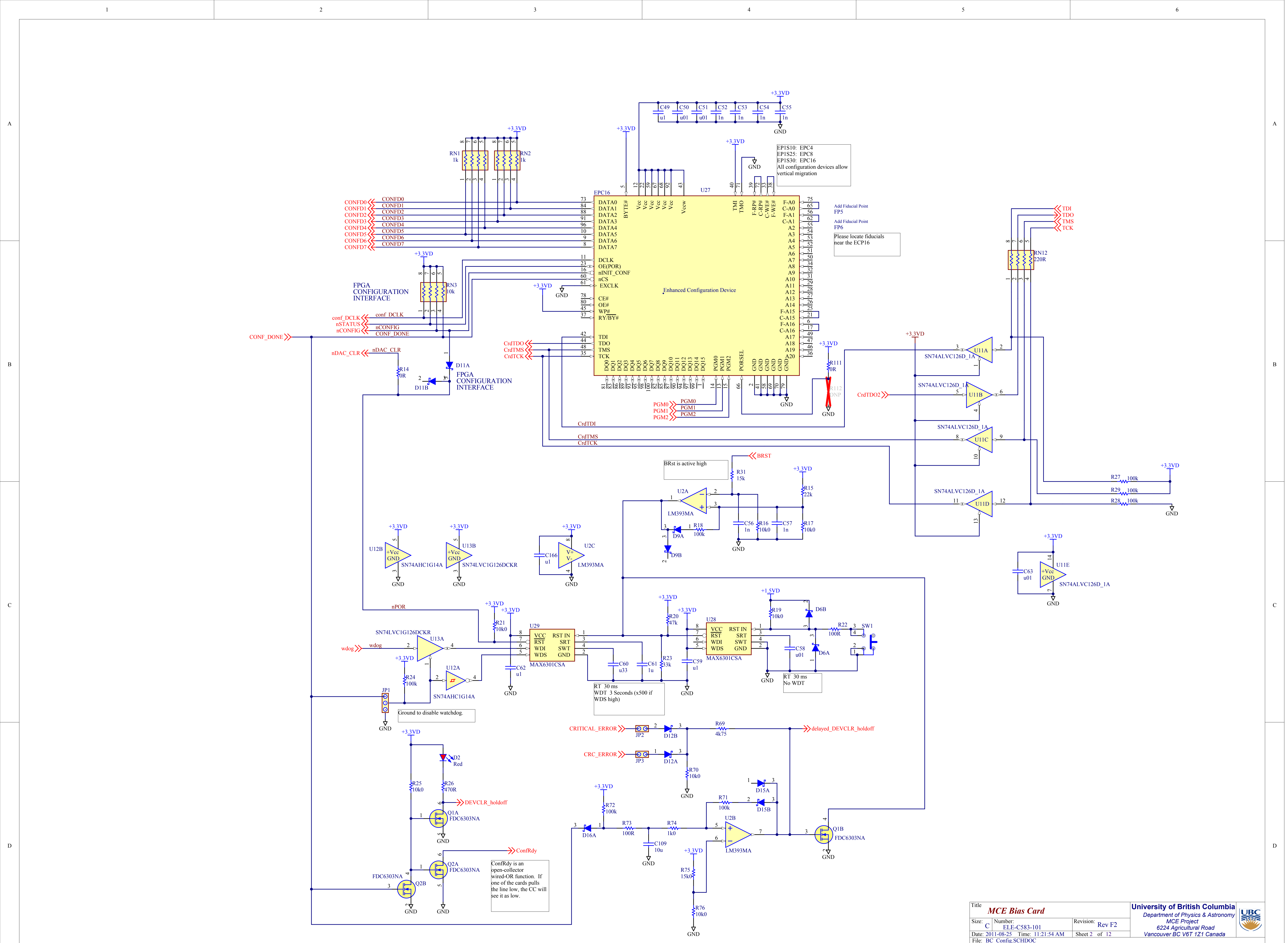


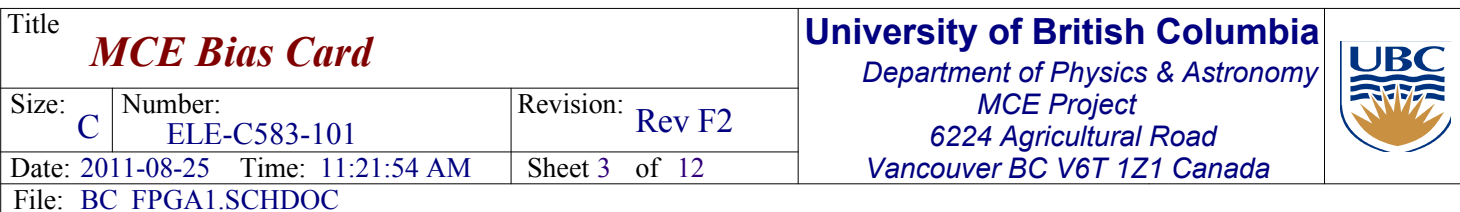
While routing, make sure the return lines are routed to the MAX543AEUA.



Bias Card - Slot 8







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B

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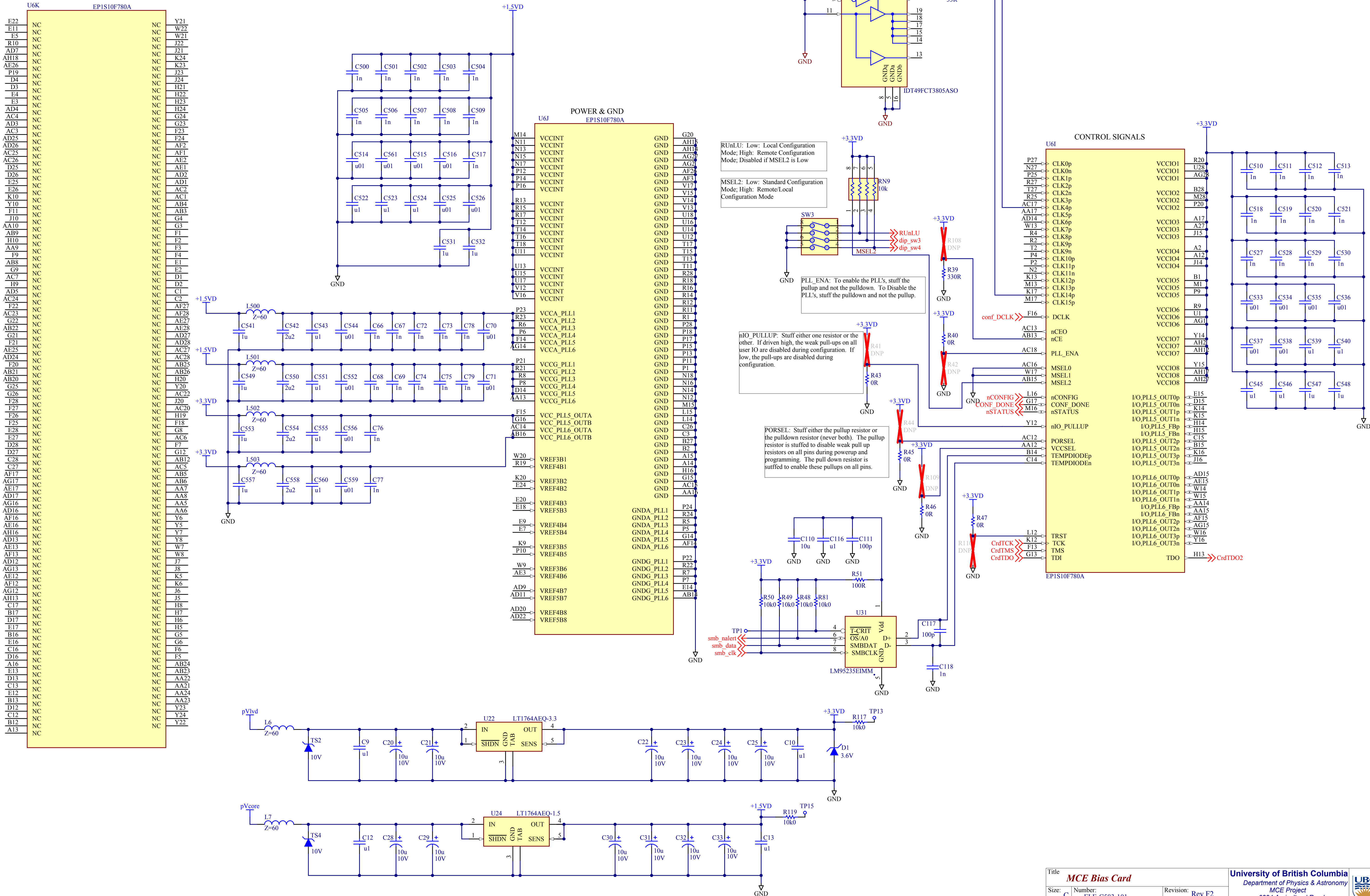
D

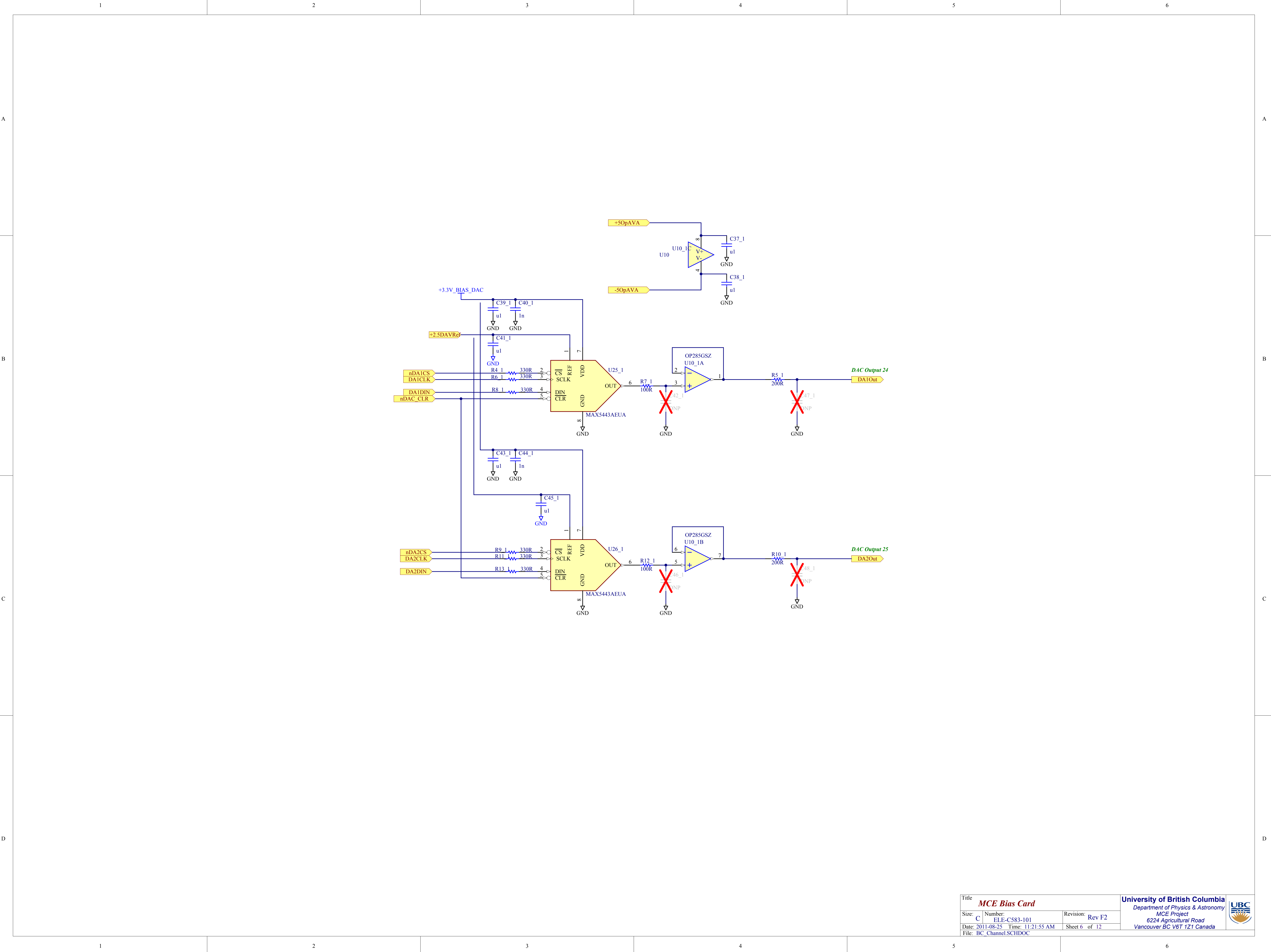
A

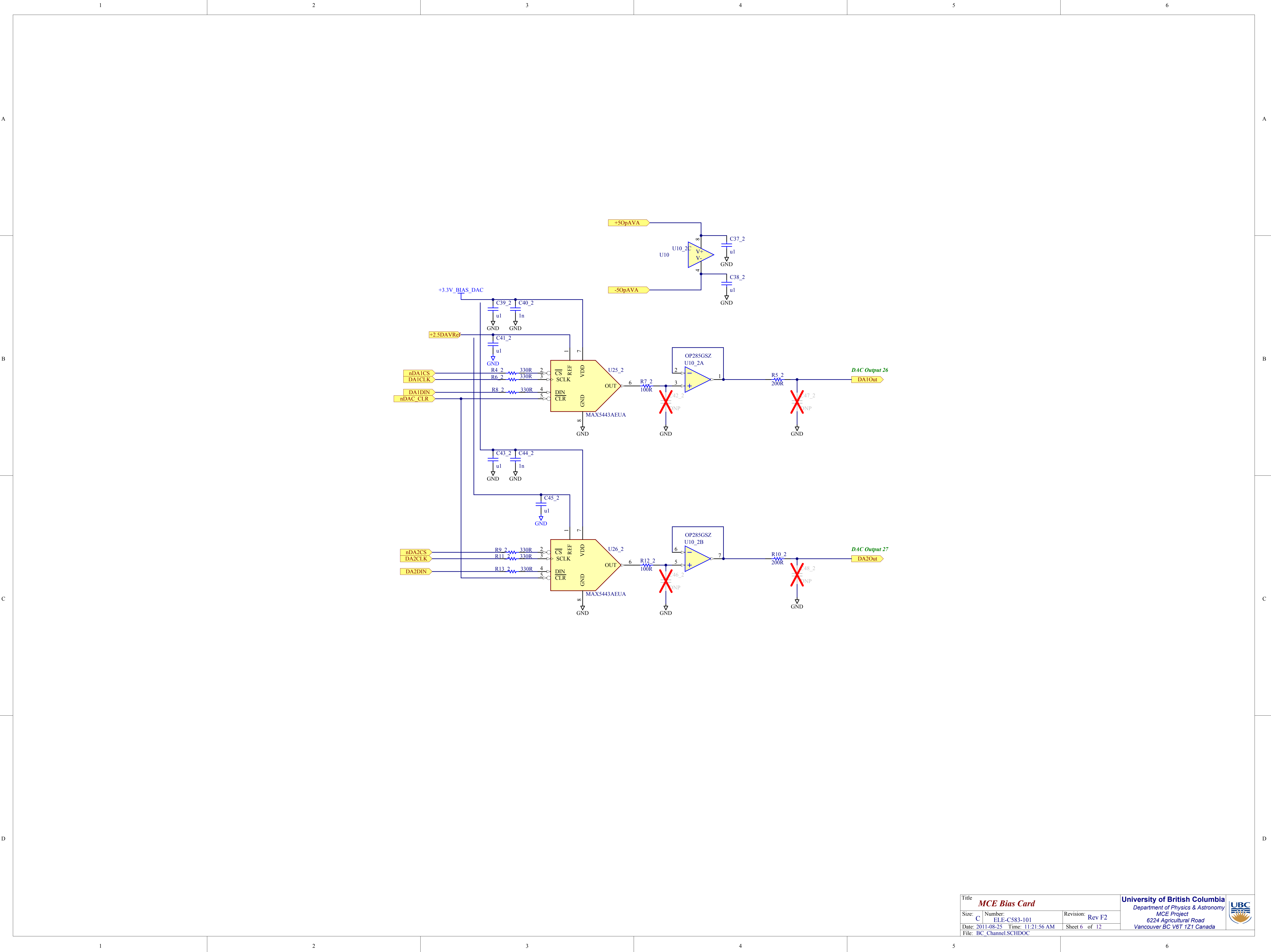
B

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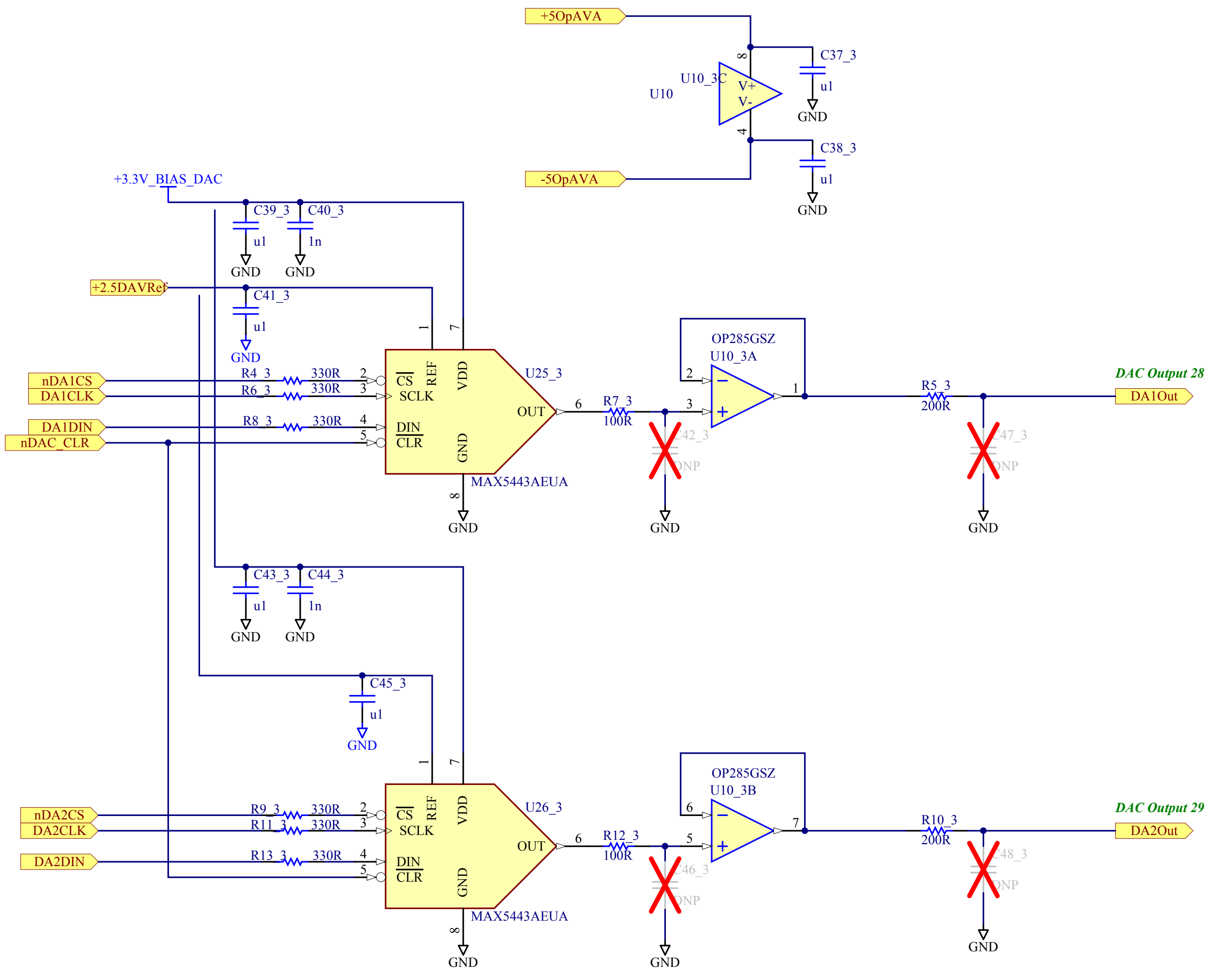


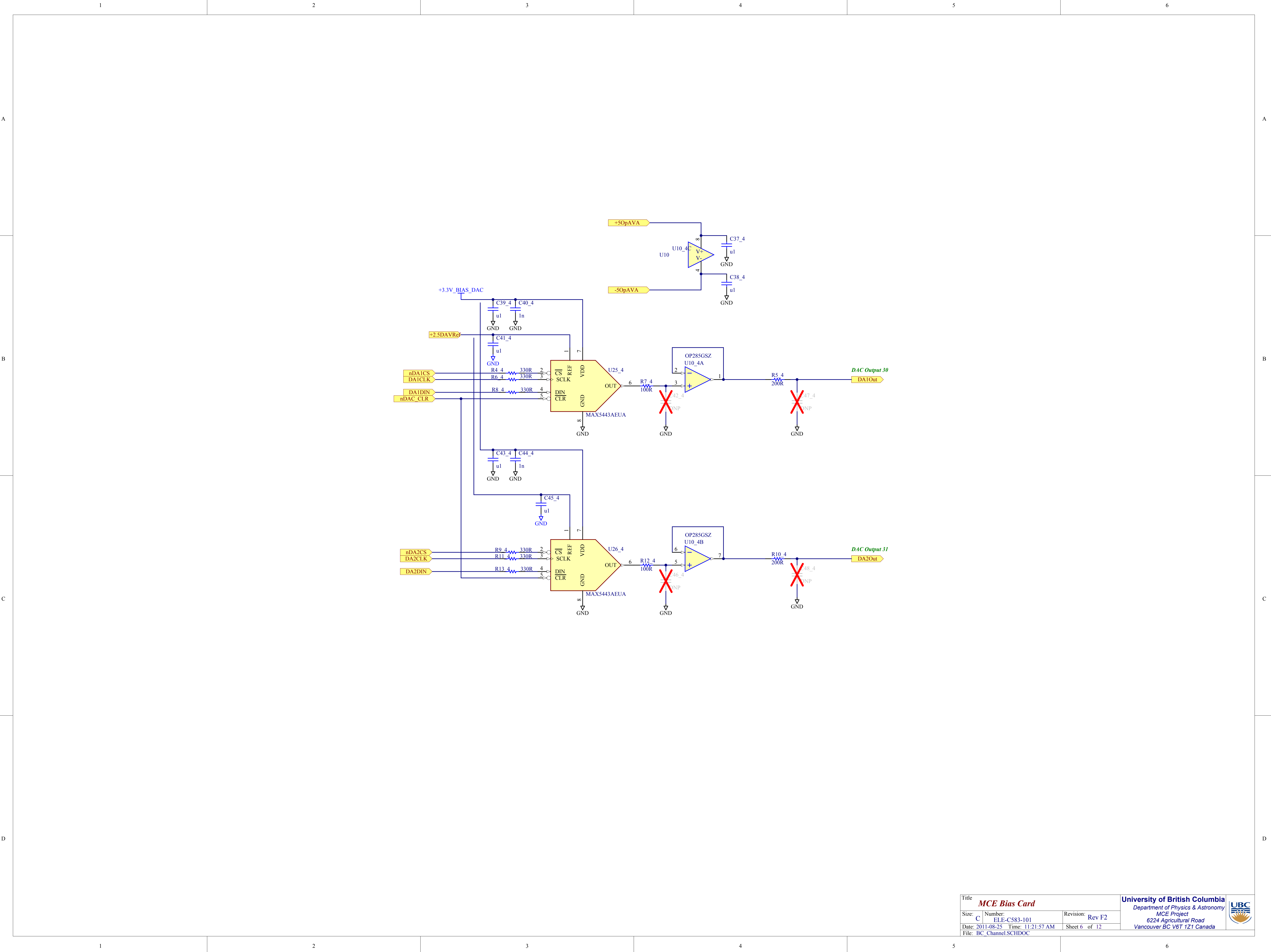
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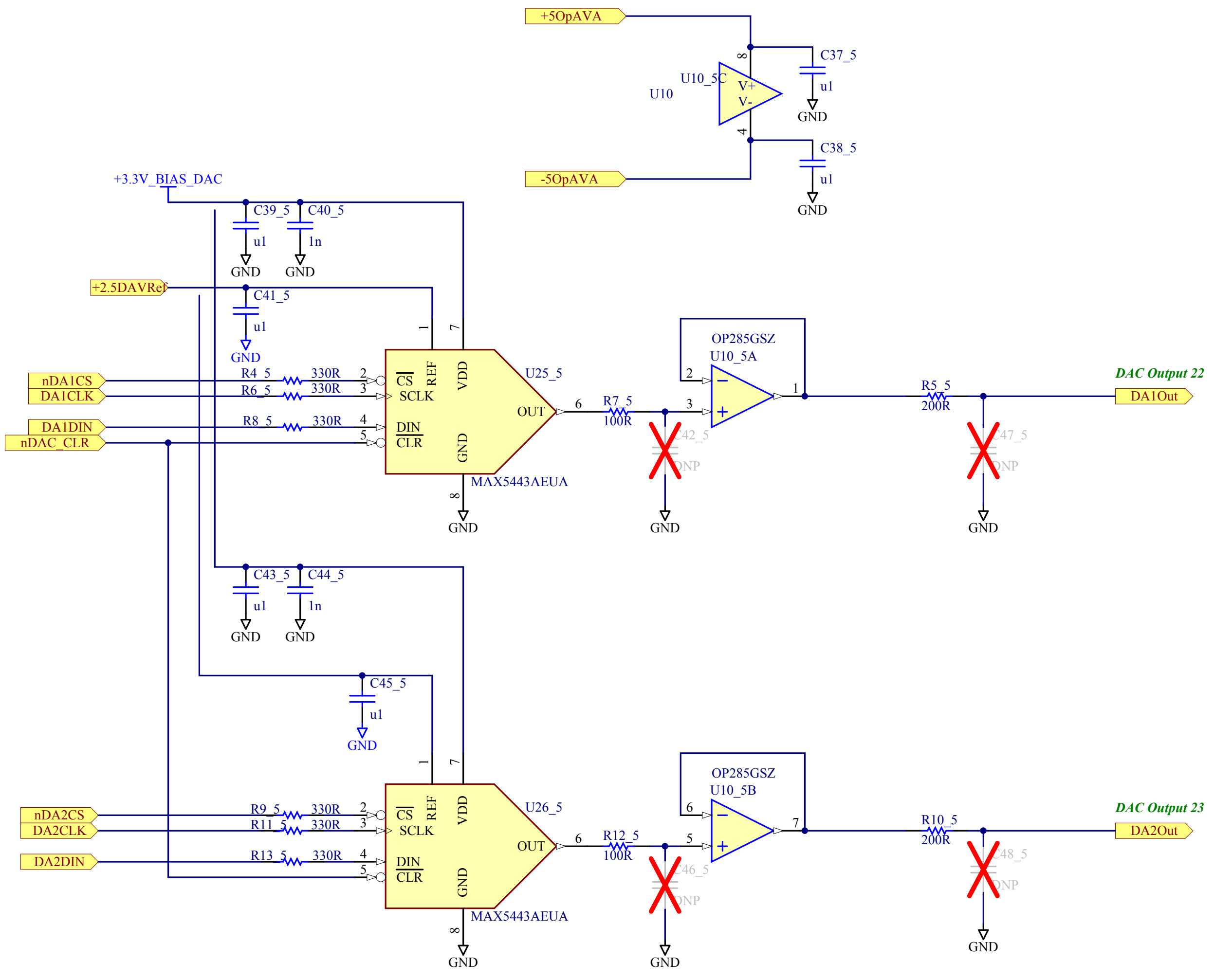


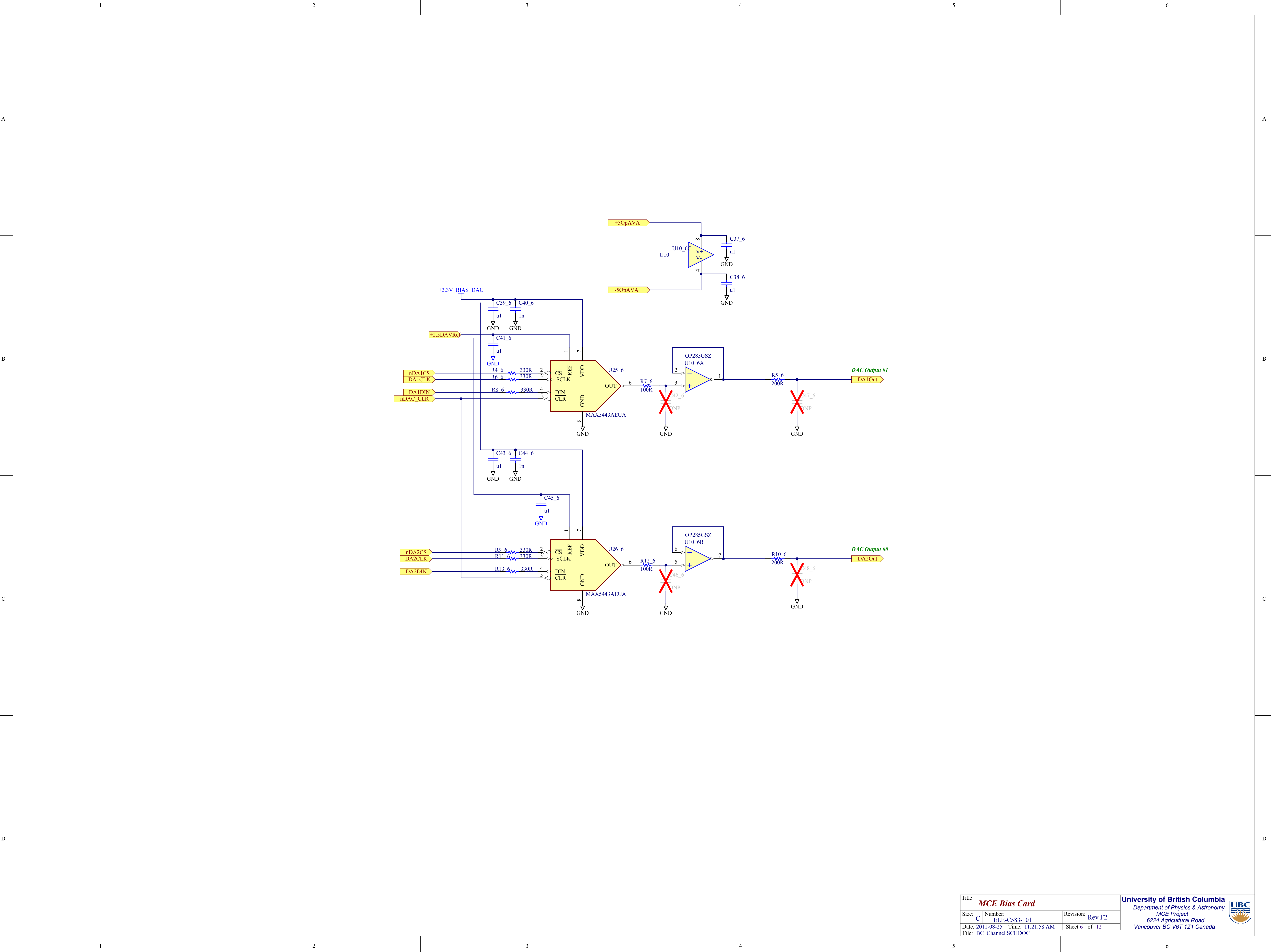
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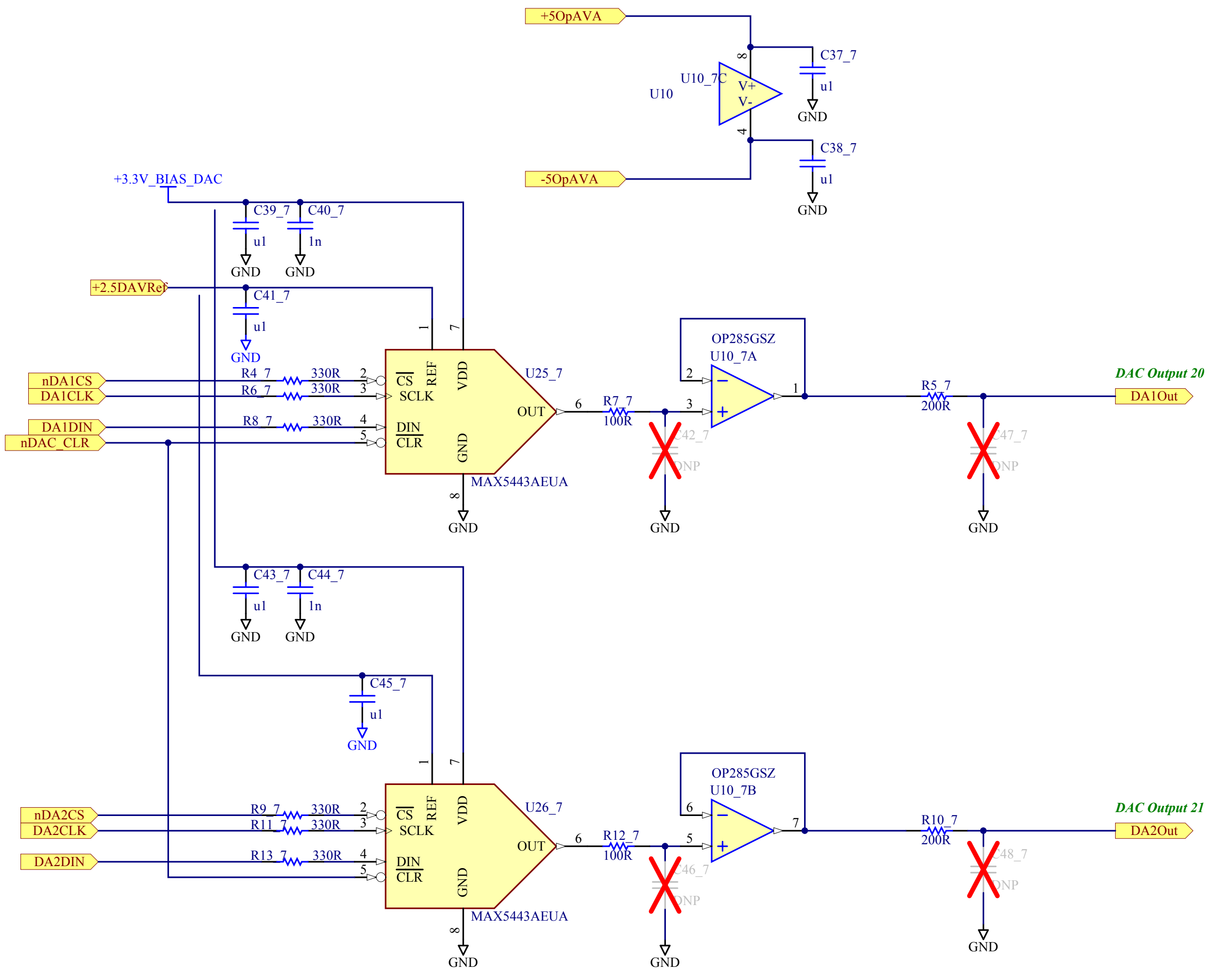


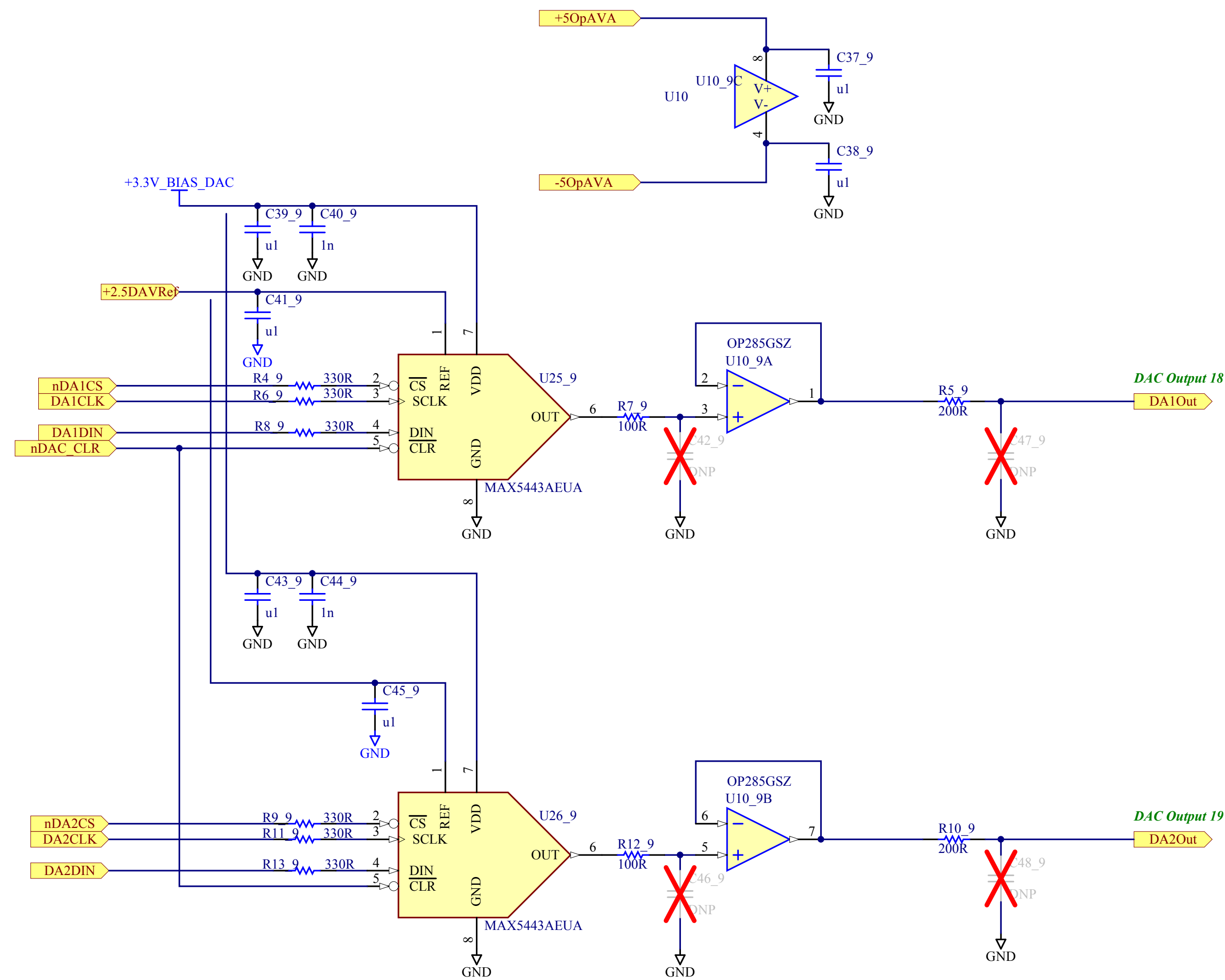
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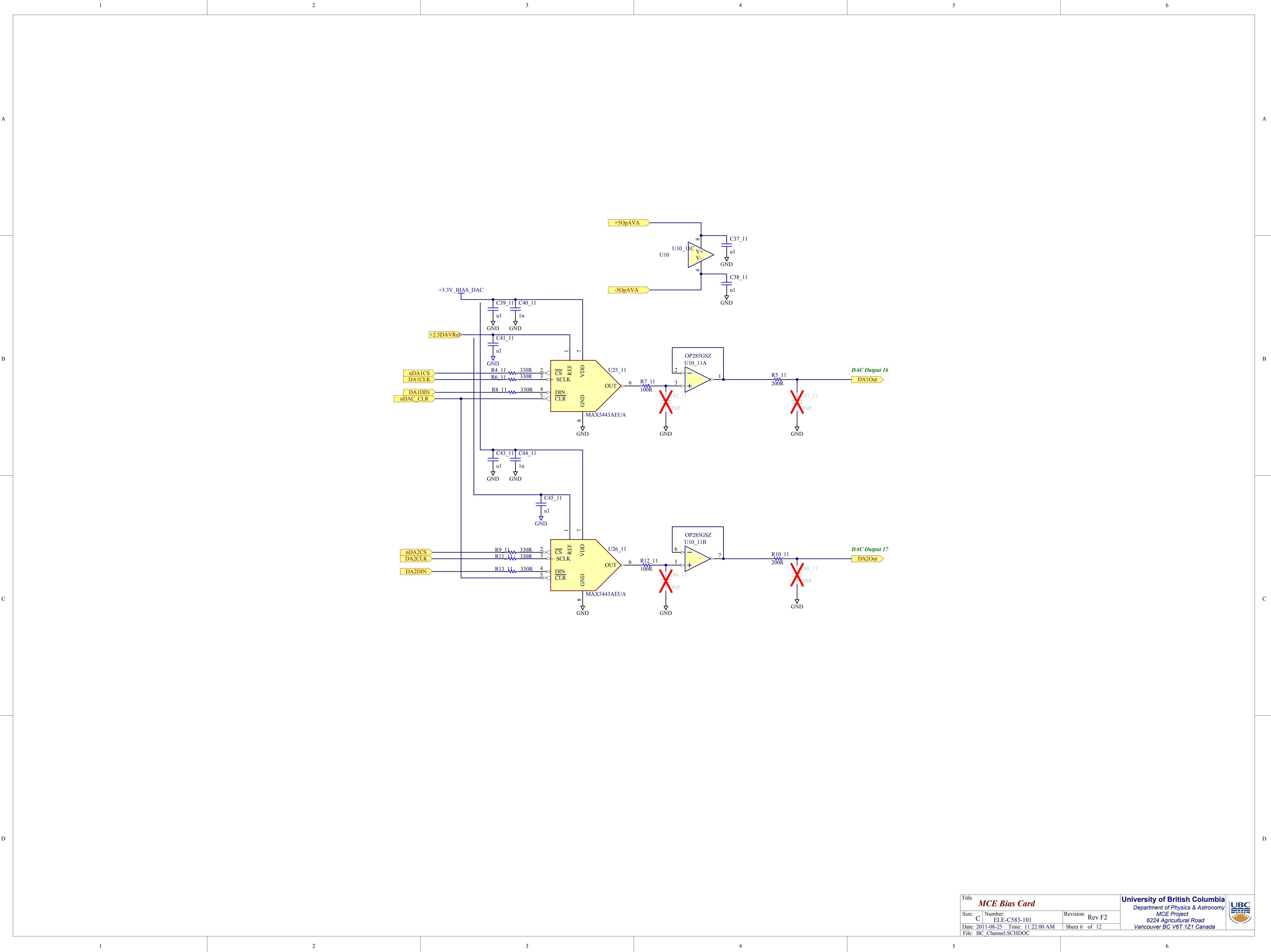
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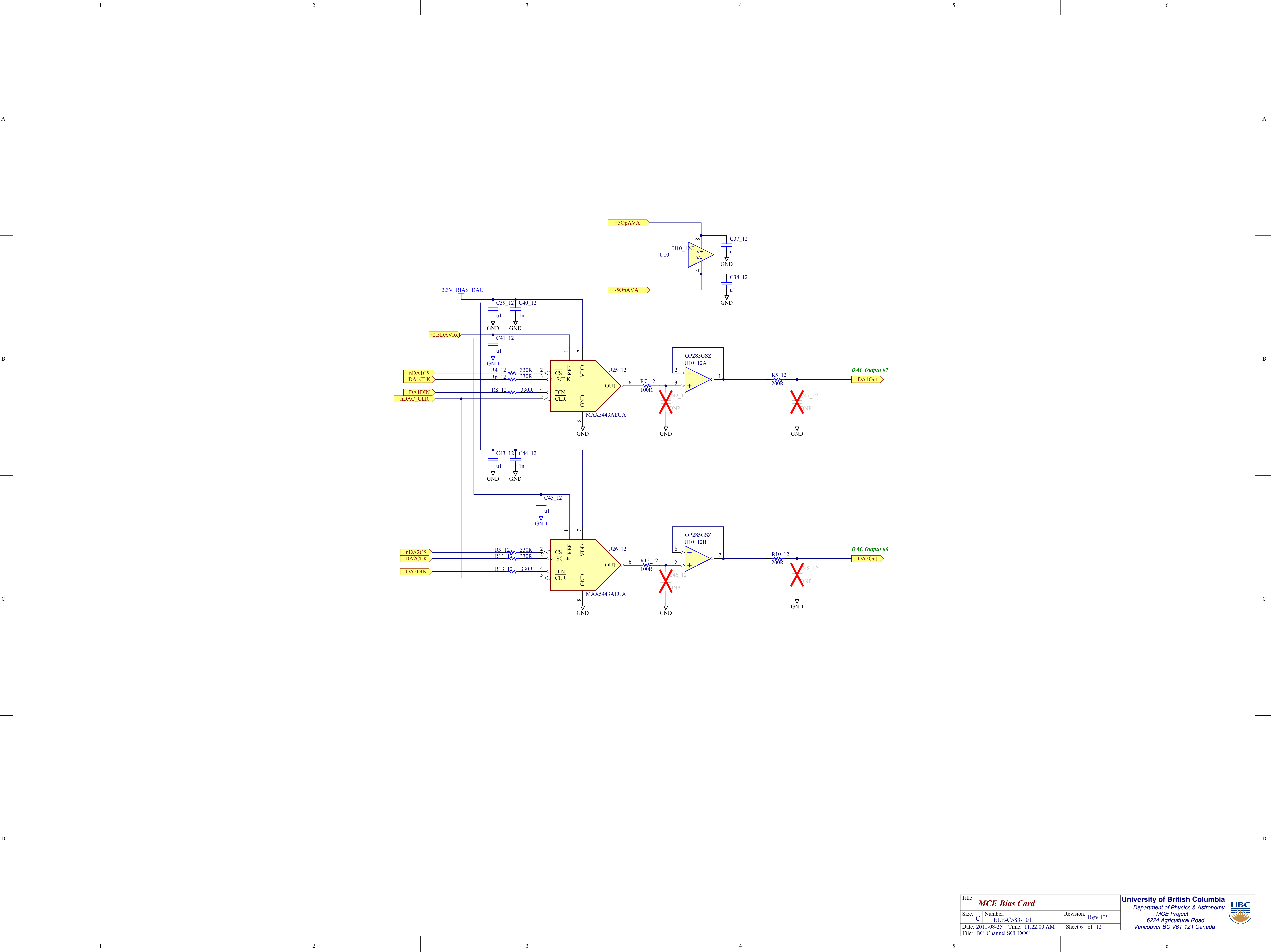
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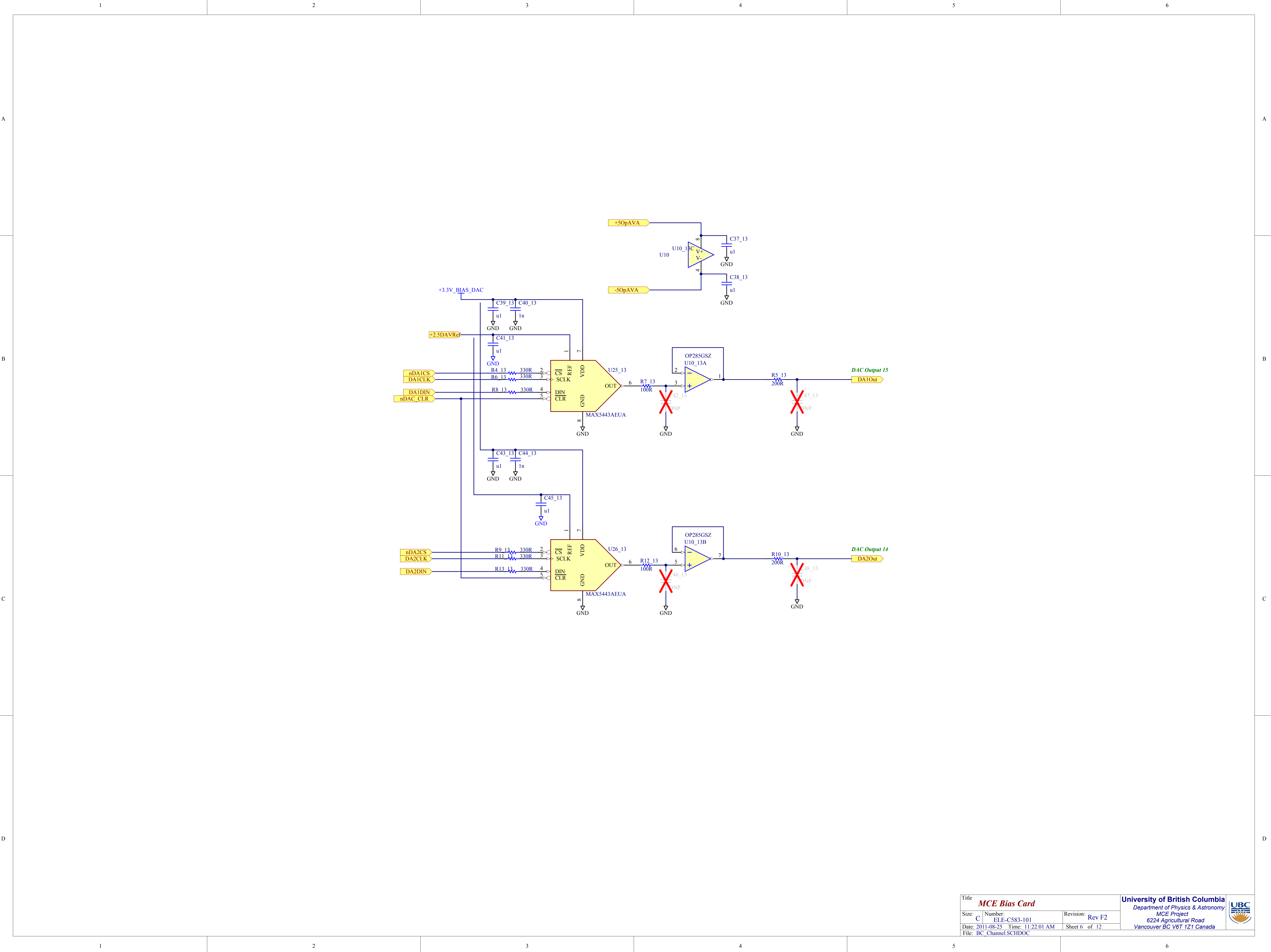
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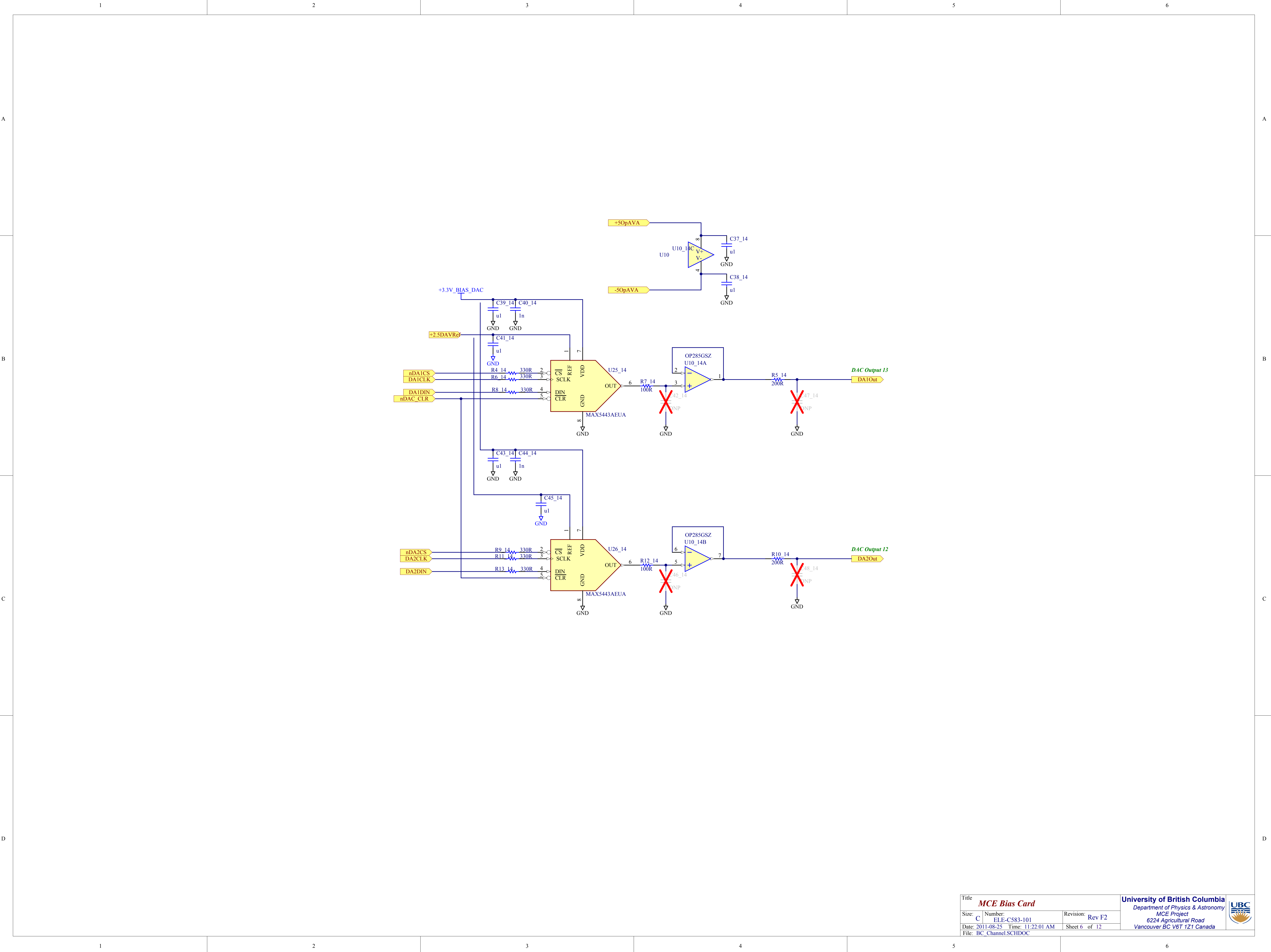










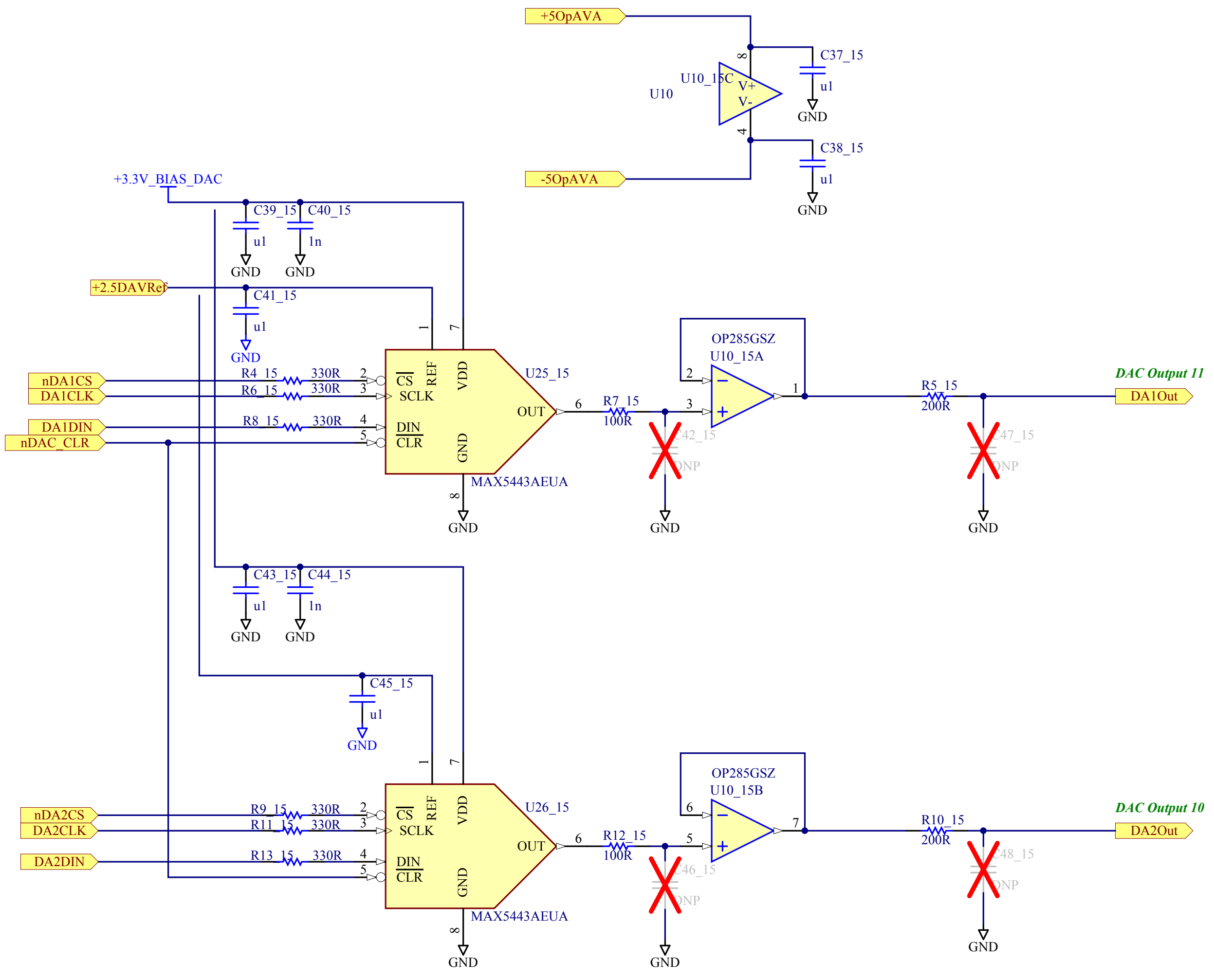


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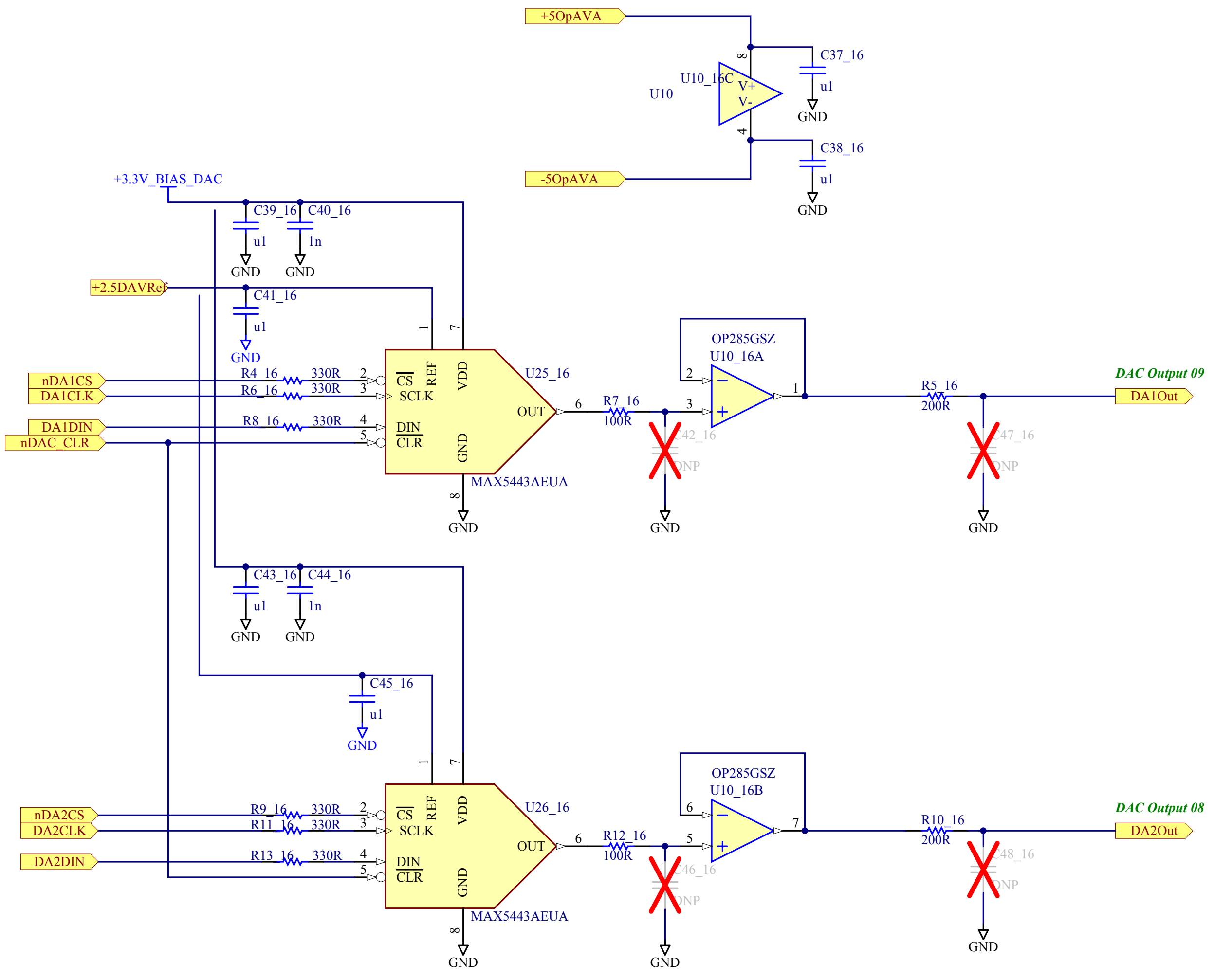


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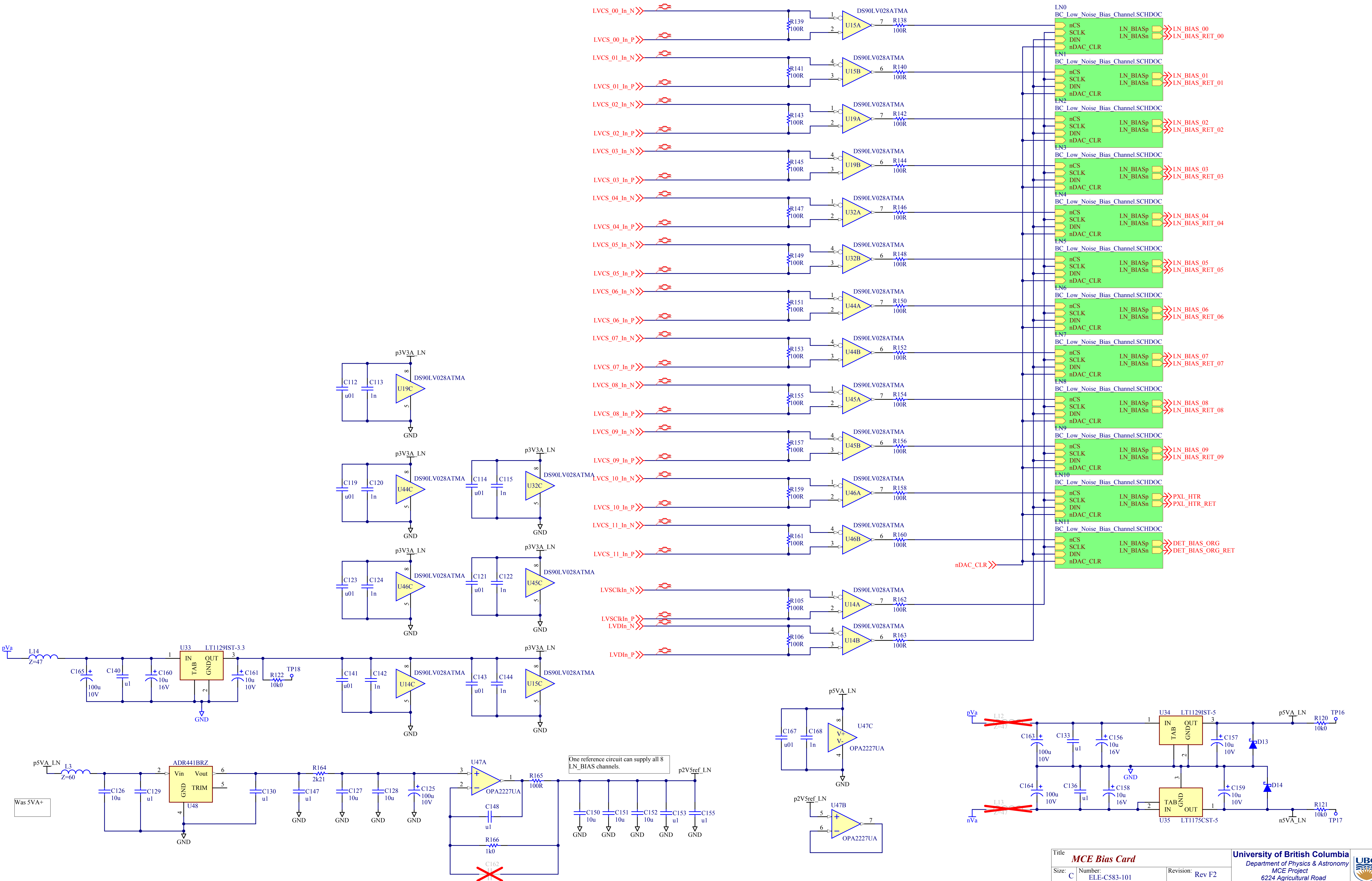


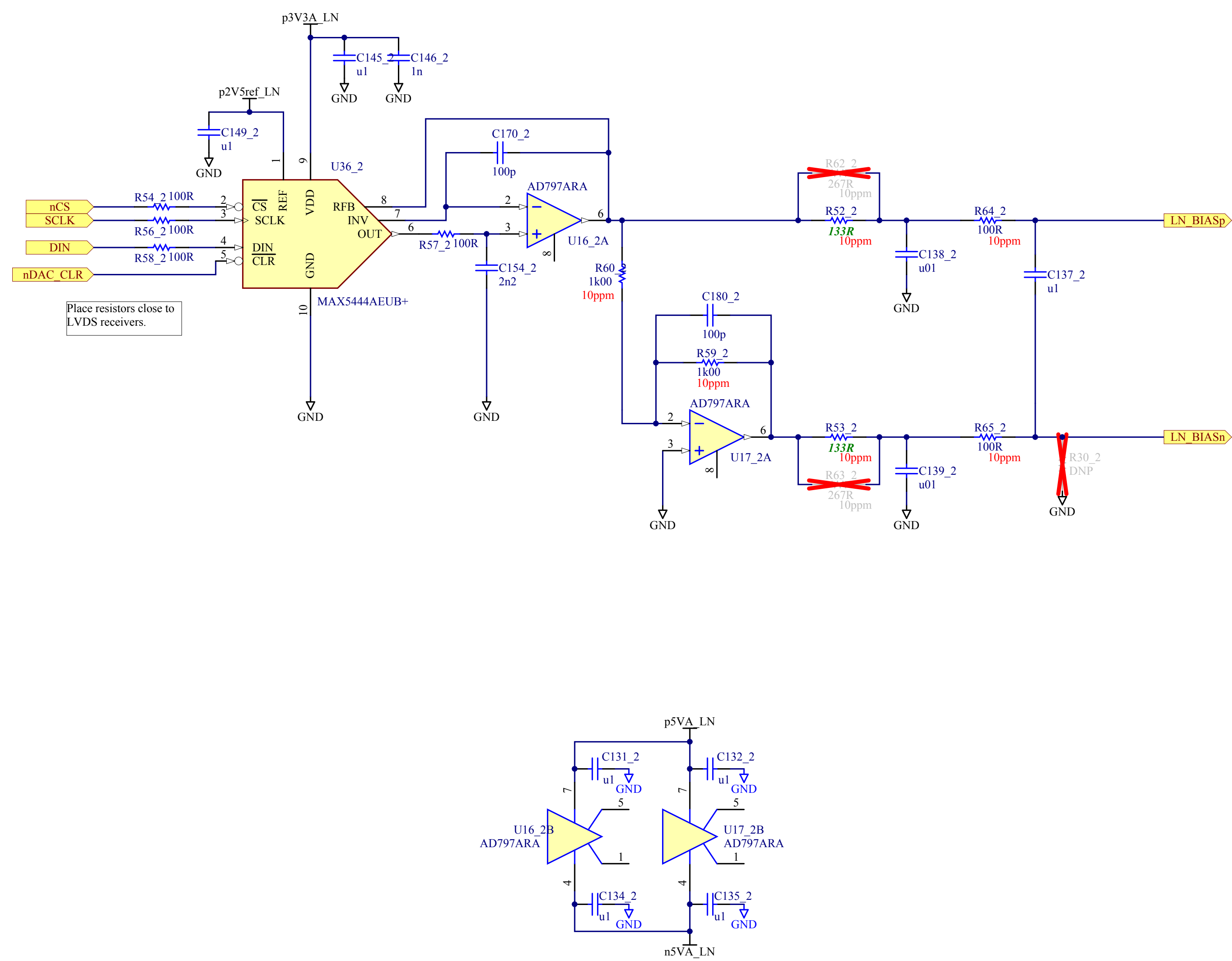
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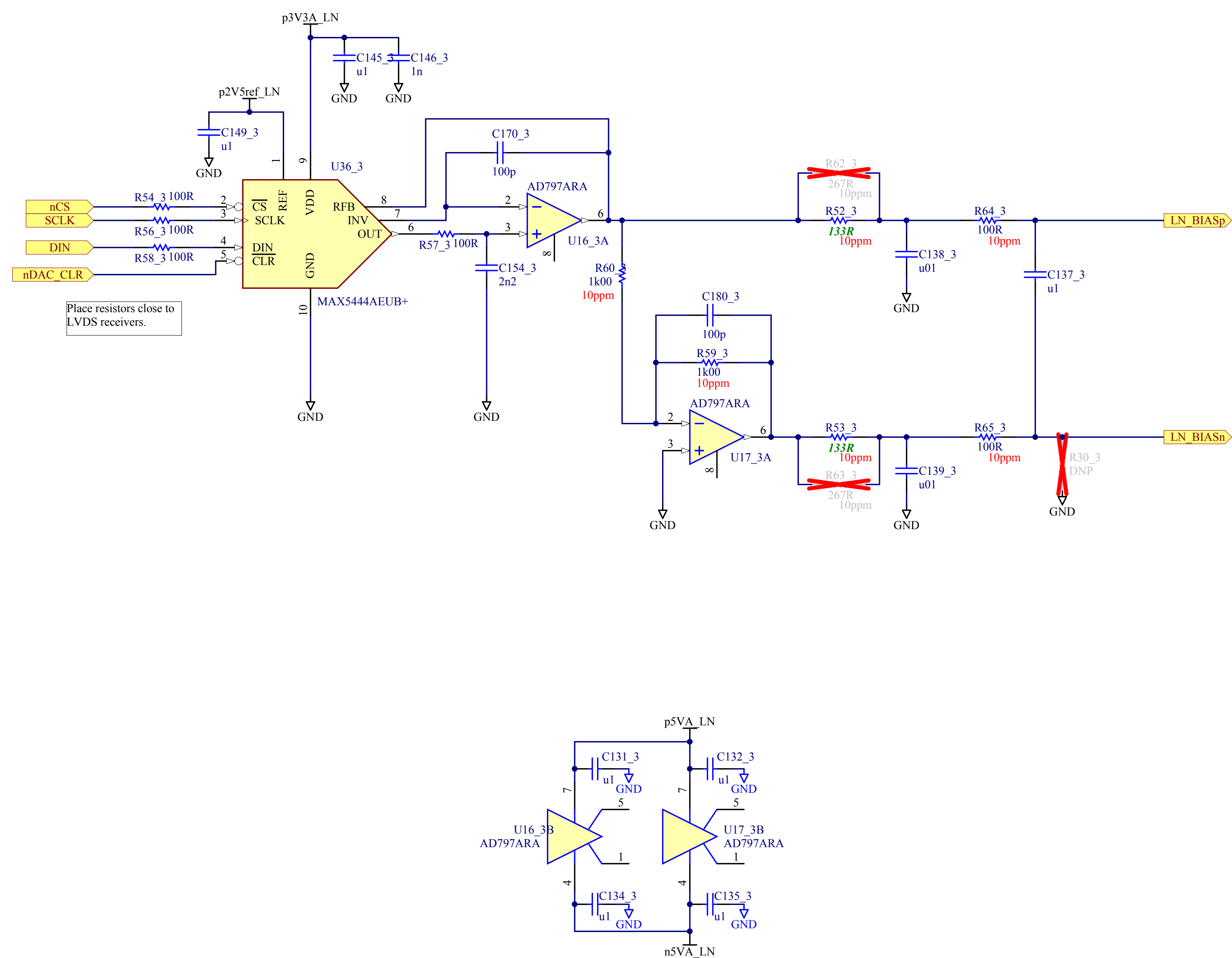
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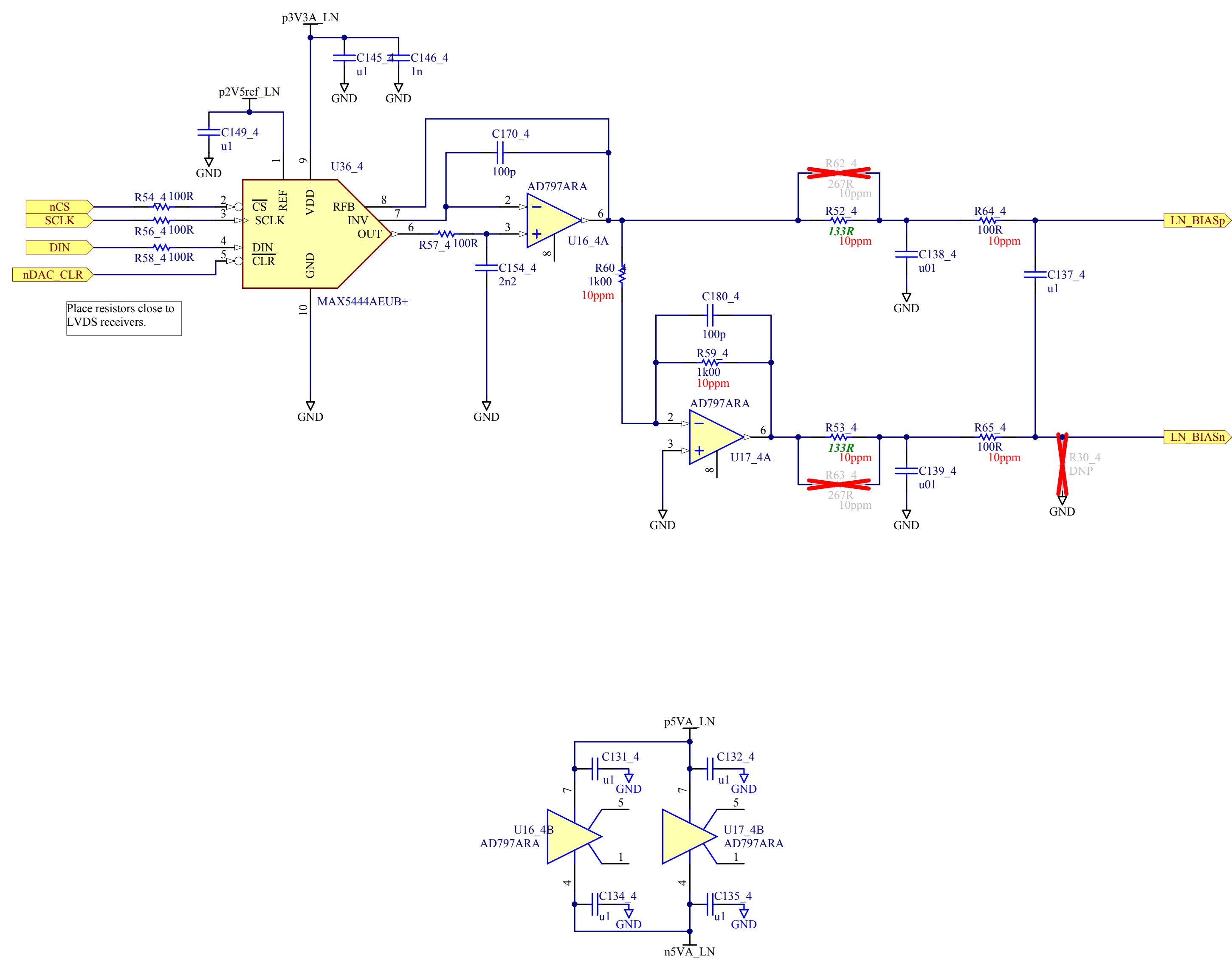
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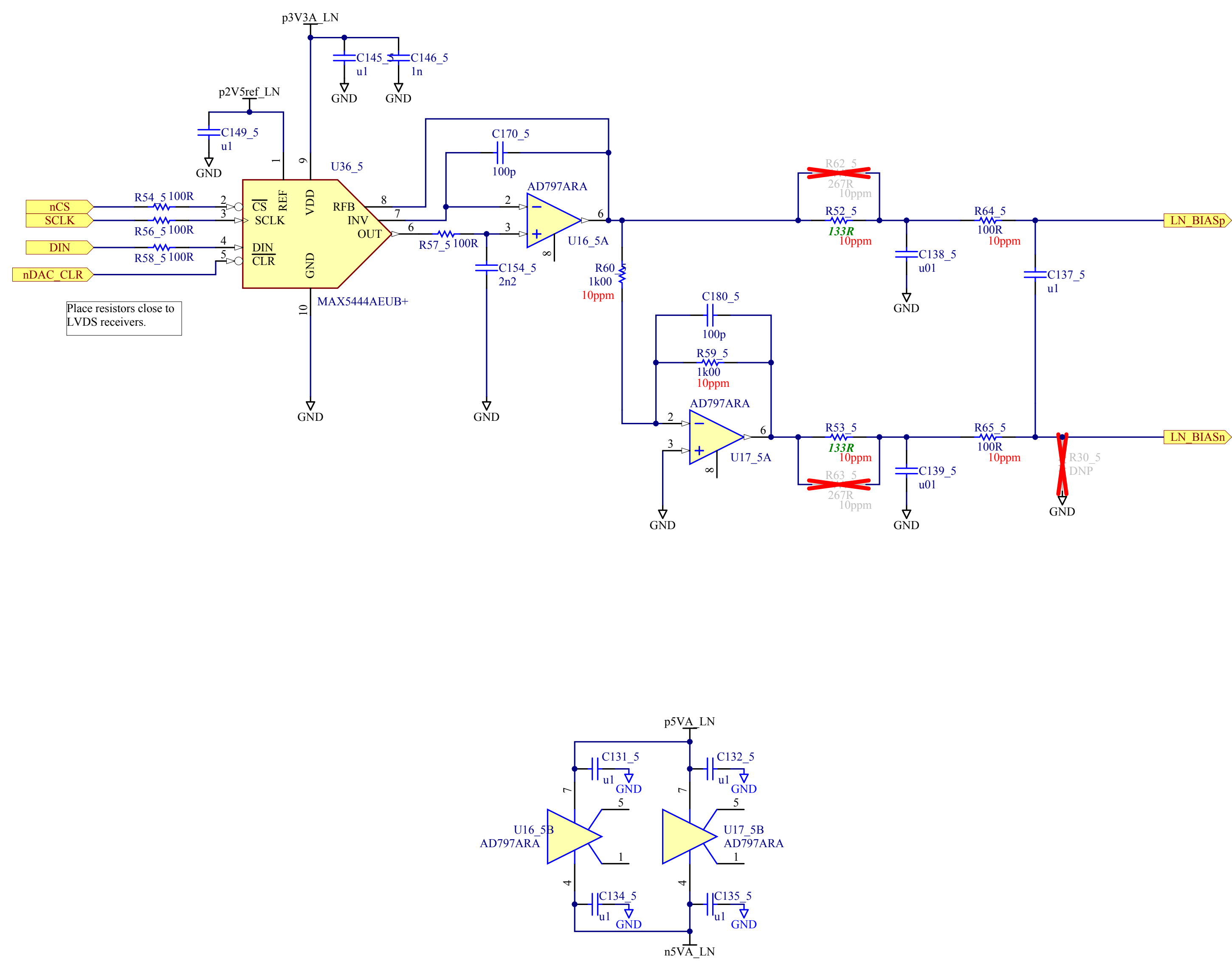
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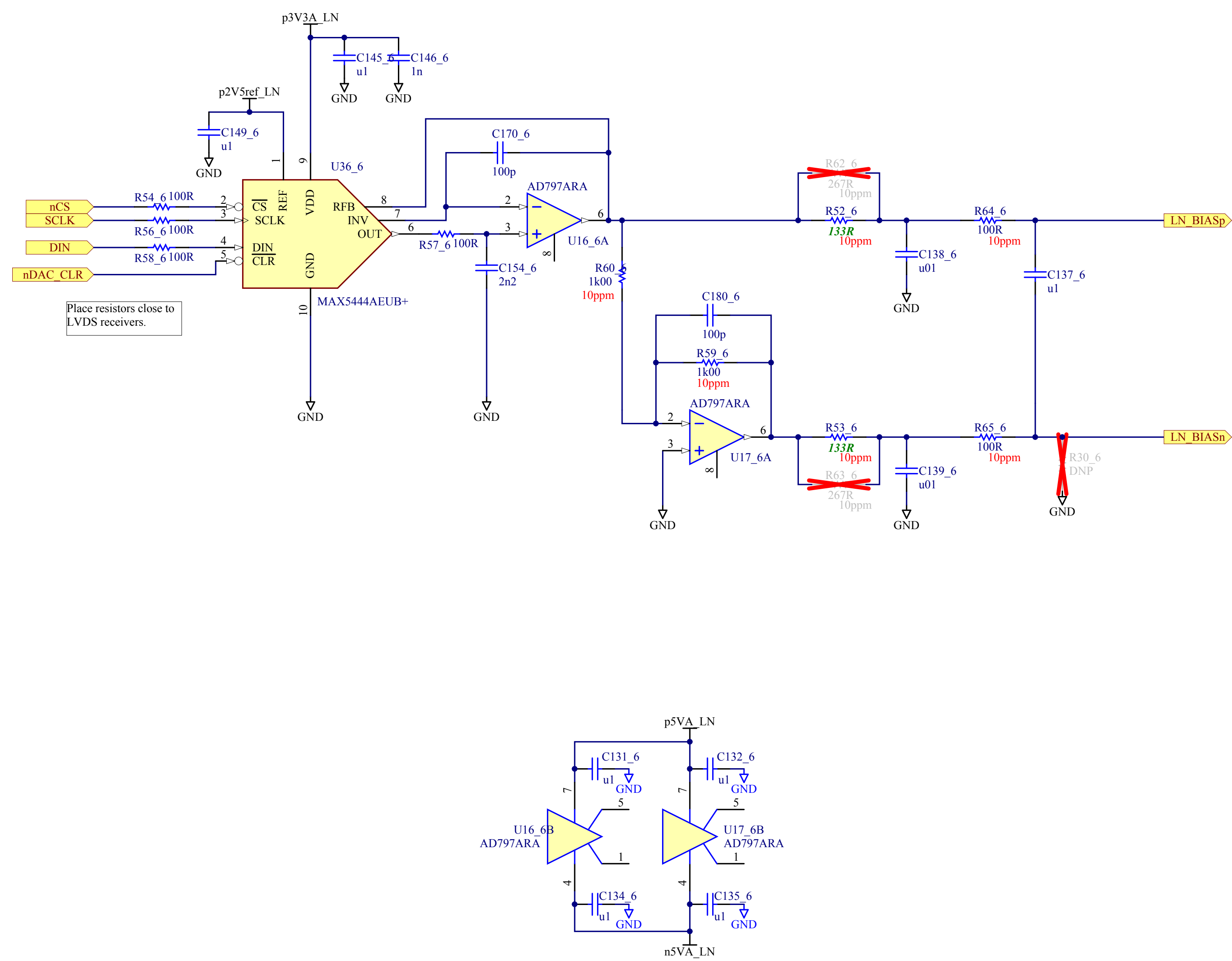


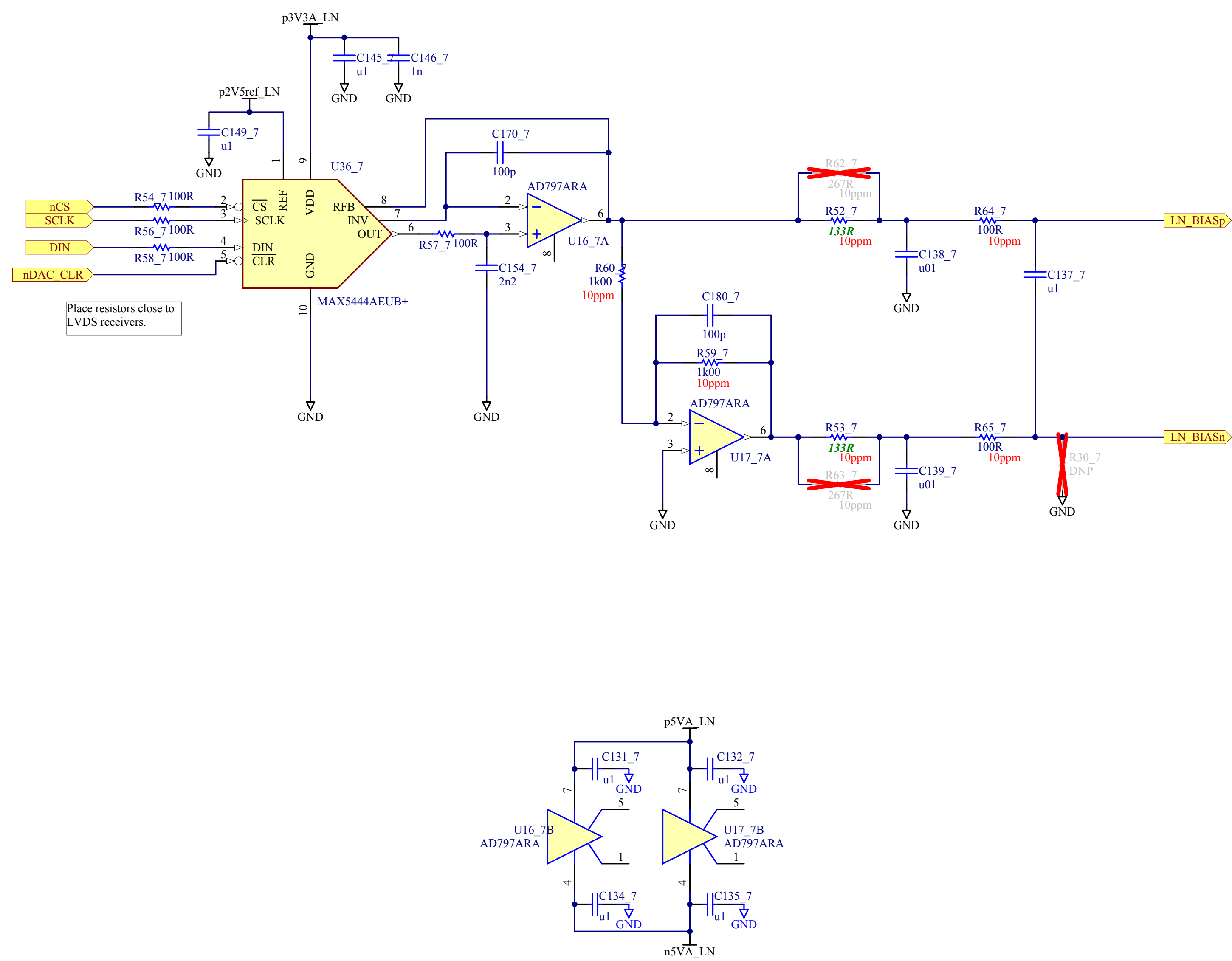


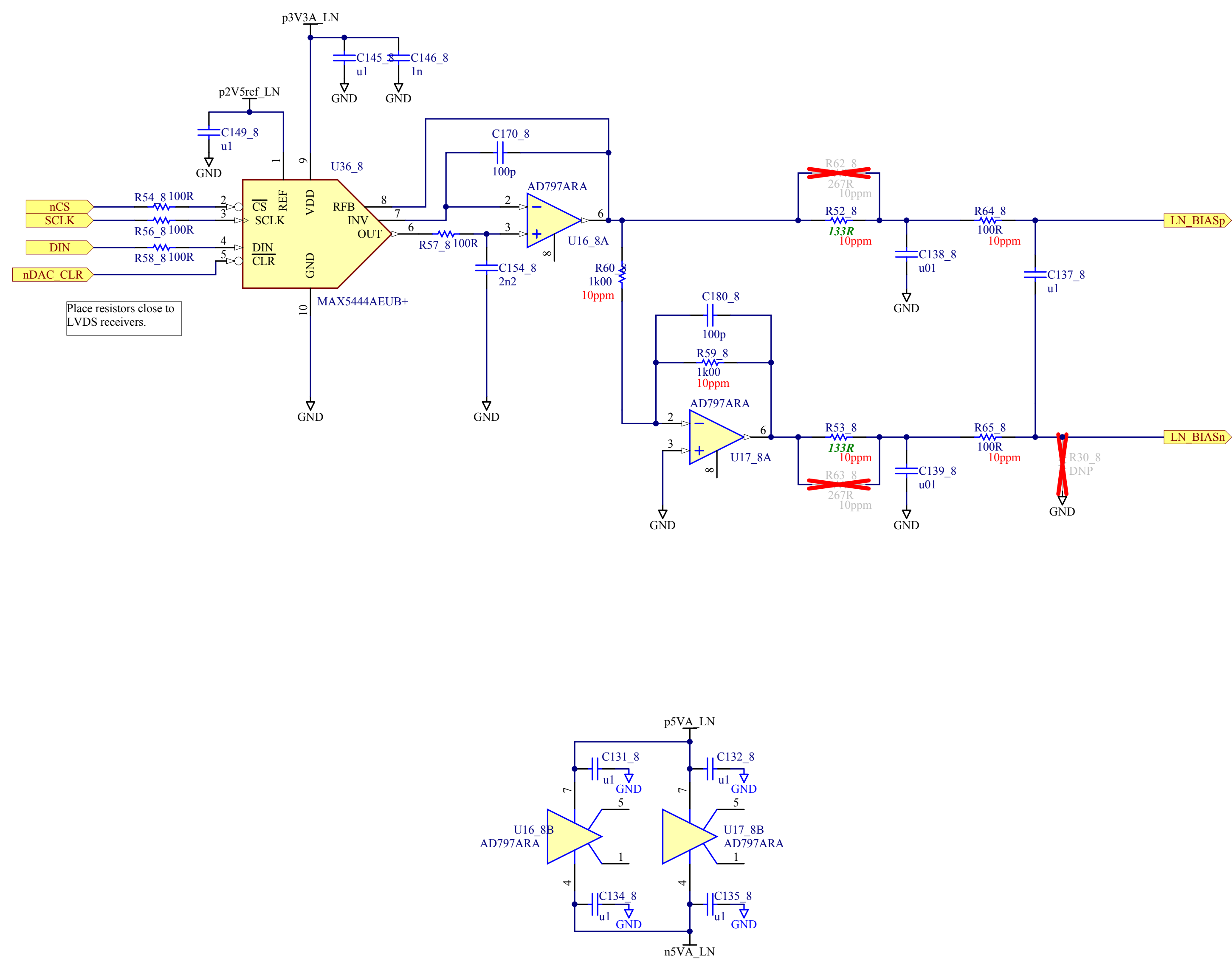


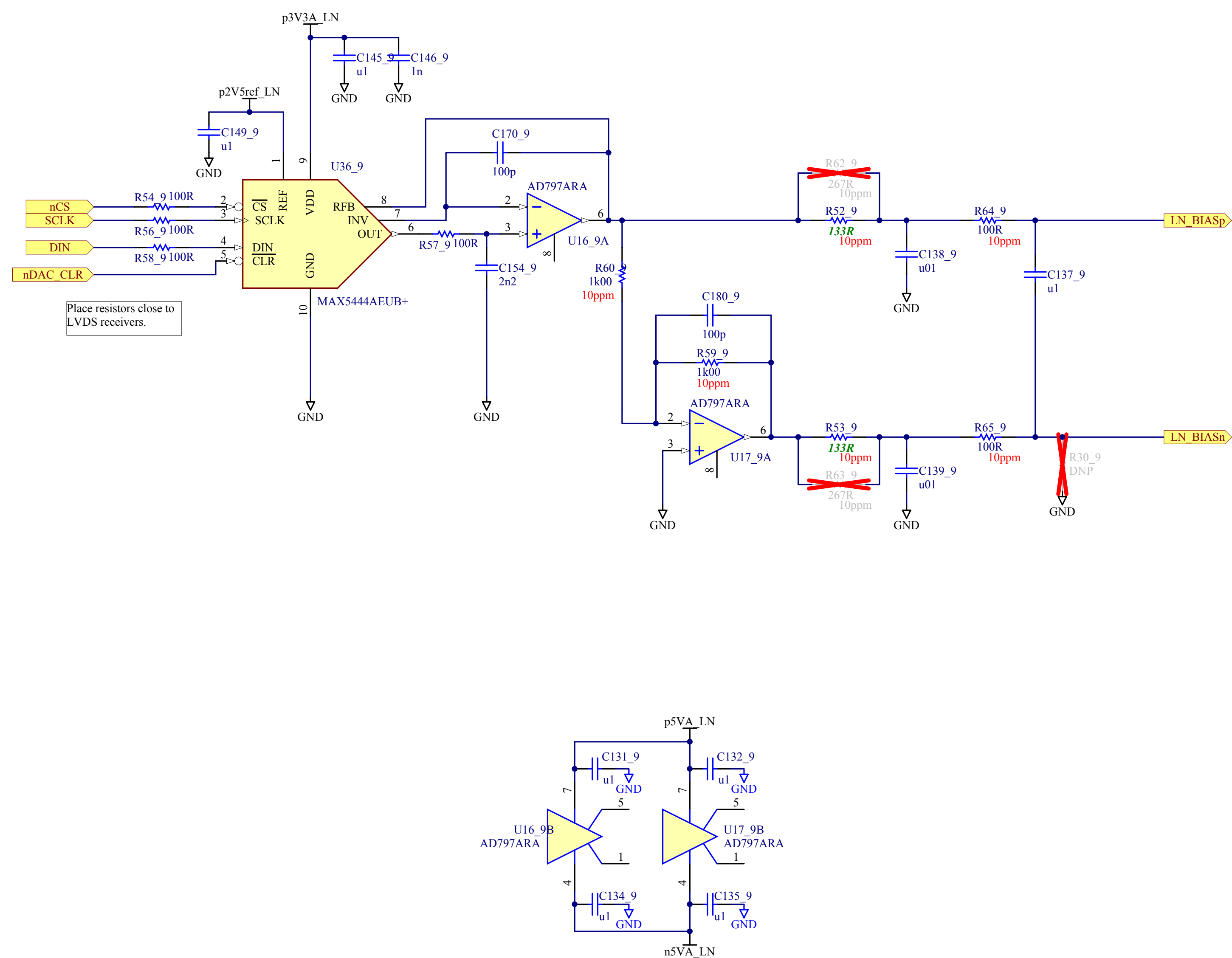


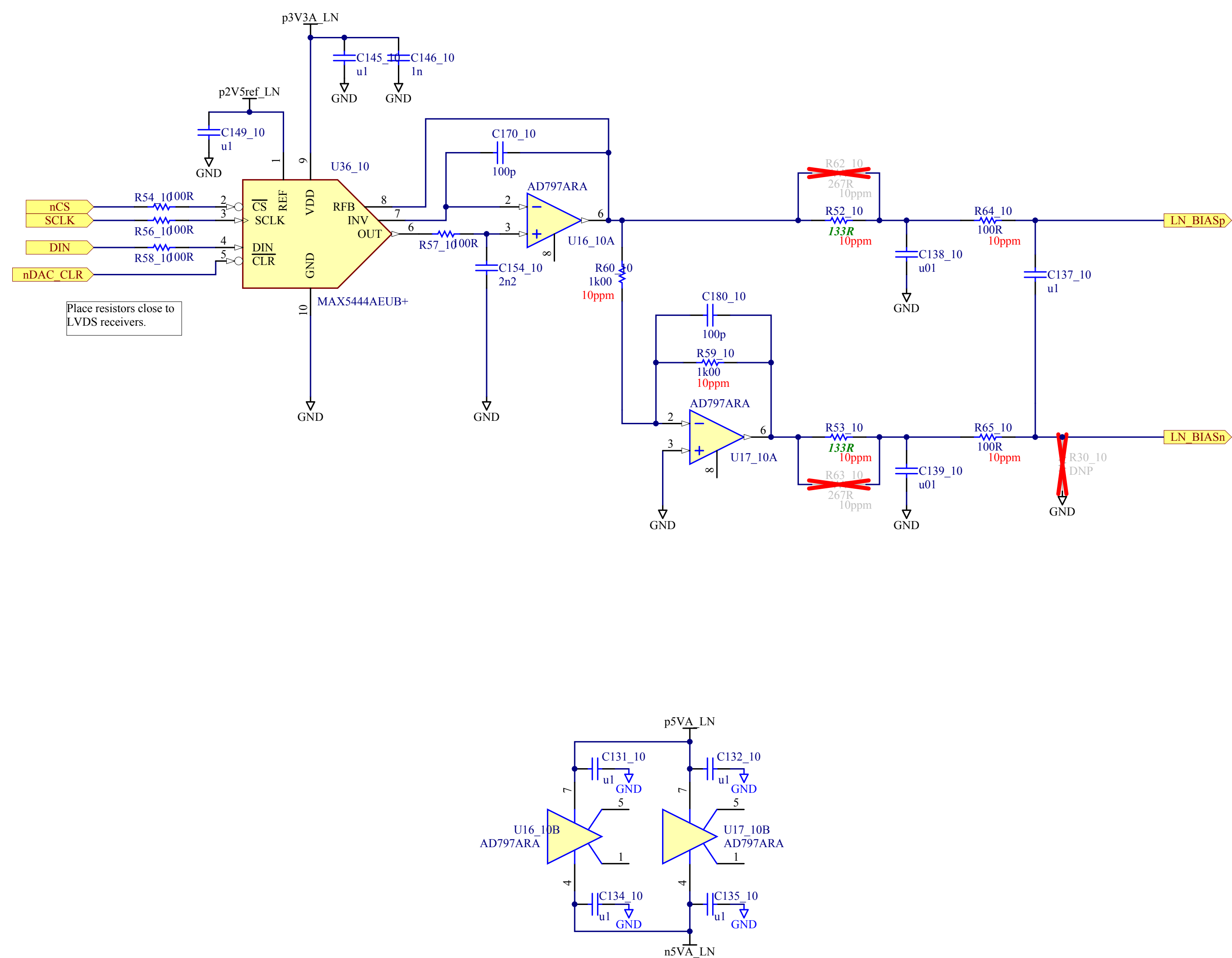


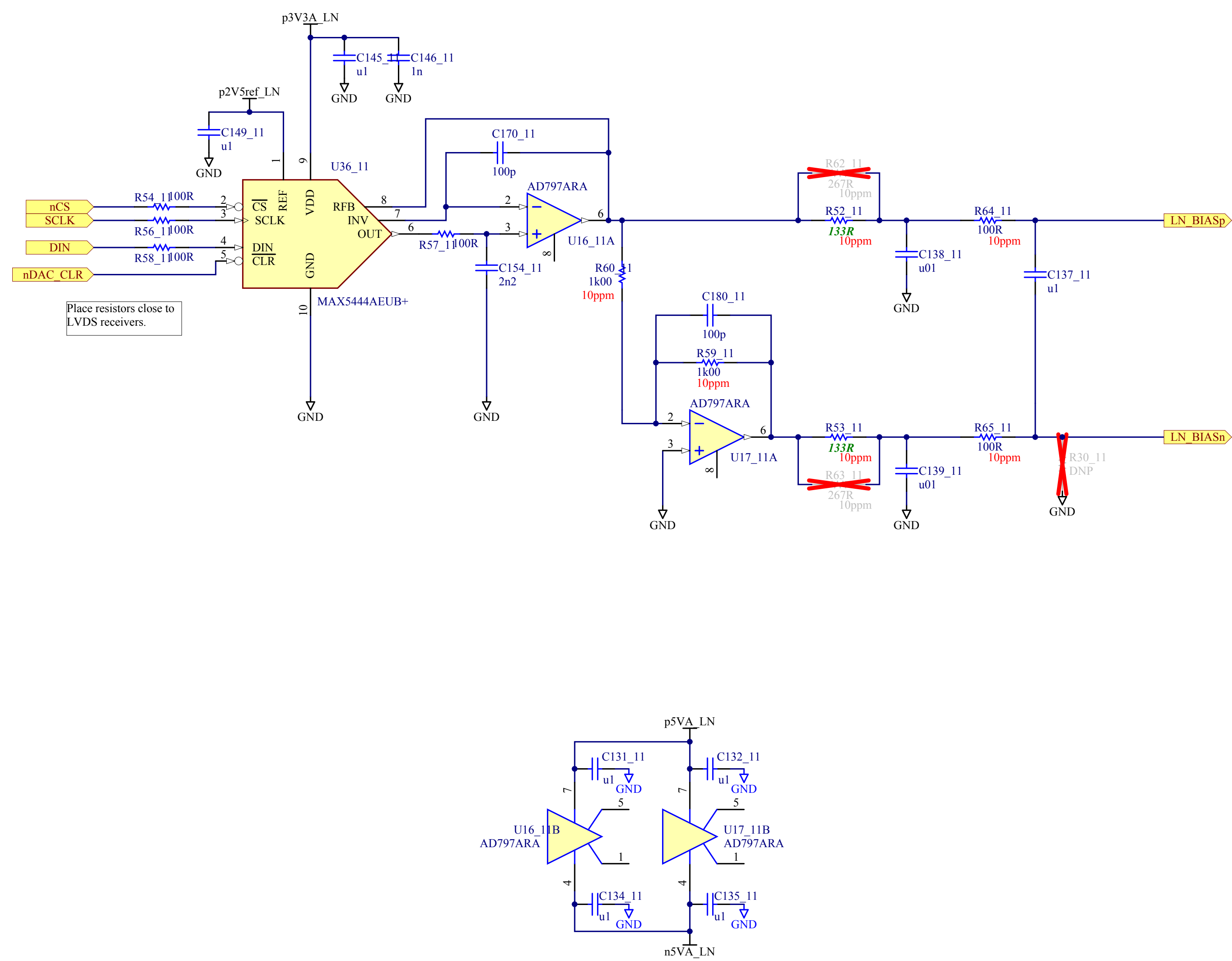










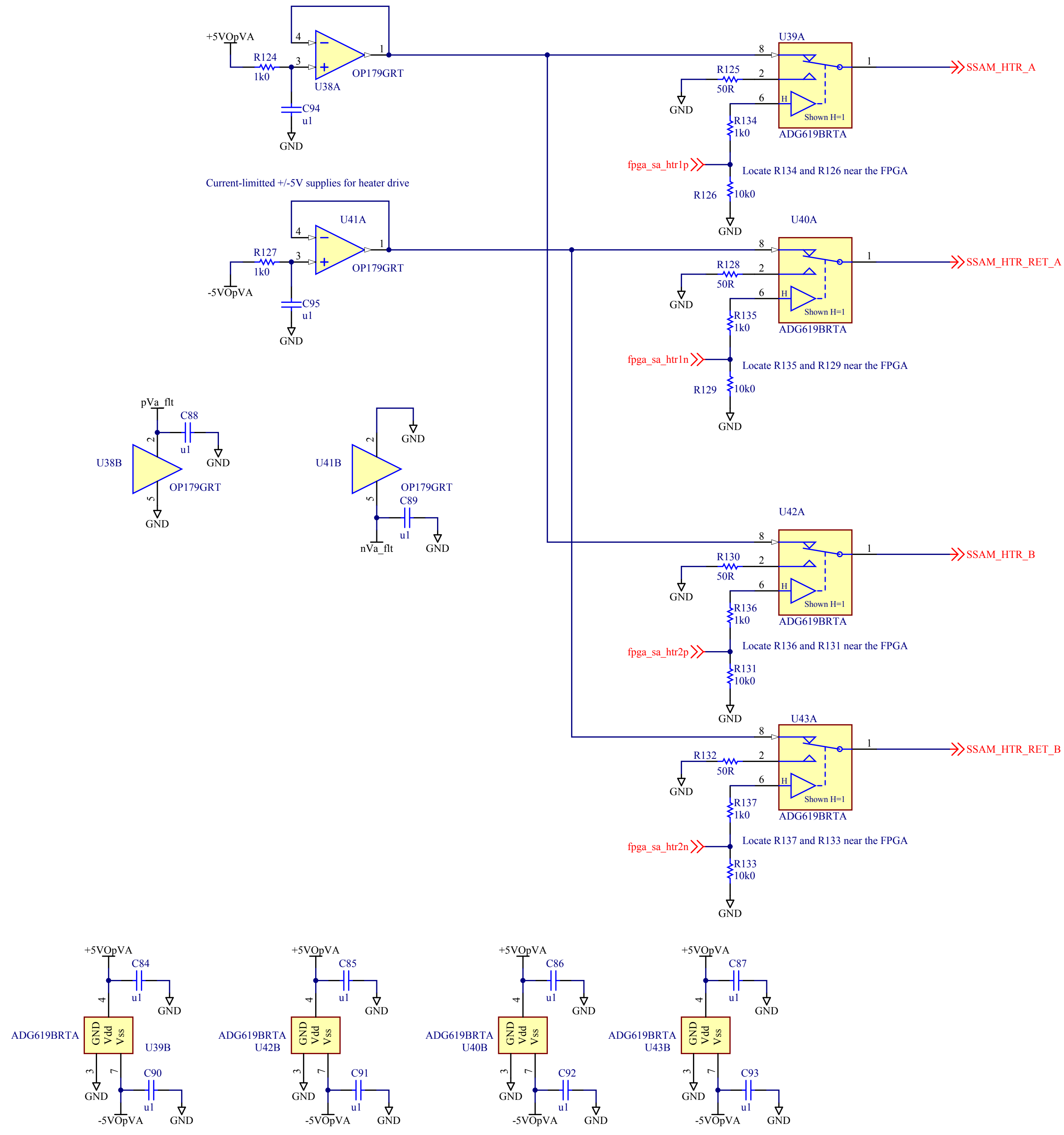


A

B

C

D



A

A

B

B

C

C

D

D

Front Panel Mounting Assembly

- Bottom Extraction Handle
- Manufacturer: Rittal
- Part Number: 3686-902

Mech3

- Top Extraction Handle
- Manufacturer: Rittal
- Part Number: 3686-903

Mech4

SCUBA2 Bias Card Front Panel
 Manufacturer: PHAS-MS
 Part Number: SC2-ELE-S583-110

Mech8

- Mounting Bracket for PCB
- Manufacturer: Rittal
- Part Number: 3685-198 (10/pack)

Mech11

- Mounting Bracket for PCB
- Manufacturer: Rittal
- Part Number: 3685-198 (10/pack)

Mech12

M2.5 x 10mm Machine Screw
Type: Hardware
Manufacturer: Pacific Fastener
Part Number:

Mech15

- M2.5 x 10mm Machine Screw
- Type: Hardware
- Manufacturer: Pacific Fastener
- Part Number:

Mech16

- M2.5 x 10mm Machine Screw
- Type: Hardware
- Manufacturer: Pacific Fastener
- Part Number:

Mech19

- M2.5 x 10mm Machine Screw
- Type: Hardware
- Manufacturer: Pacific Fastener
- Part Number:

Mech20

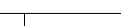
M2.5 x 10mm Machine Screw
Type: Hardware
Manufacturer: Pacific Fastener
Part Number:

Mech21

- M2.5 x 10mm Machine Screw
- Type: Hardware
- Manufacturer: Pacific Fastener
- Part Number:

Mech22

PCB Part Number for BOM: ELE-C583-101F

Title <i>MCE Bias Card</i>			University of British Columbia <i>Department of Physics & Astronomy</i> MCE Project 6224 Agricultural Road Vancouver BC V6T 1Z1 Canada		
Size:	Number:	Revision:			
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