

1	2	3	4	5	6
A					A
B					B
C					C
D					D

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.SchDoc

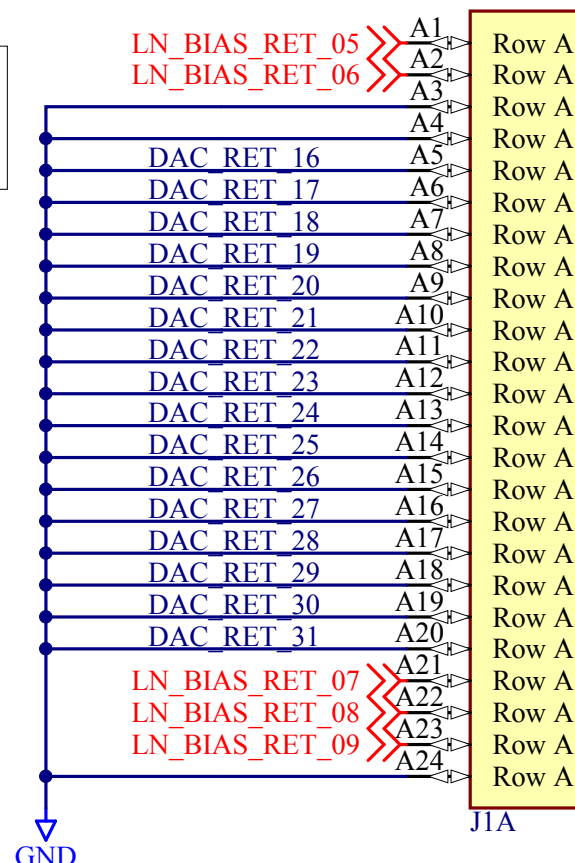
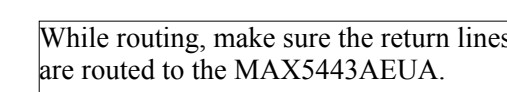
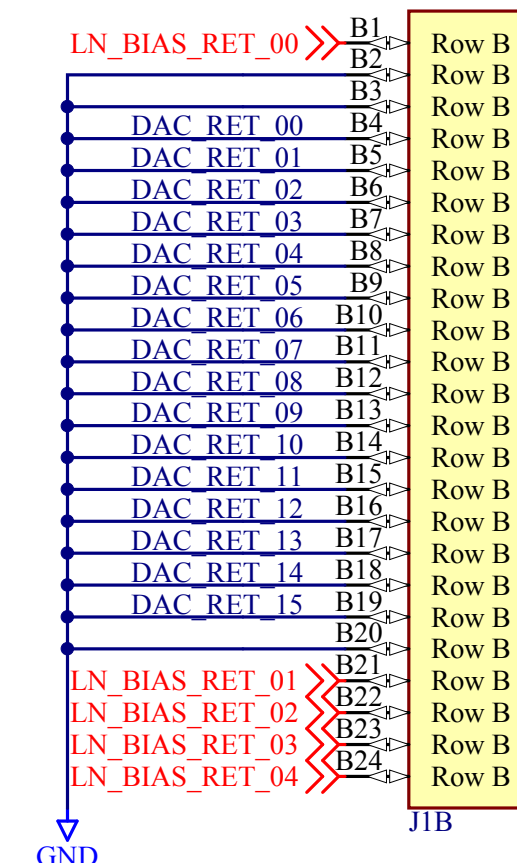
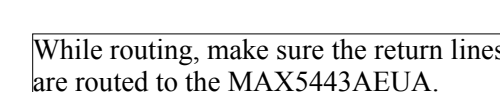
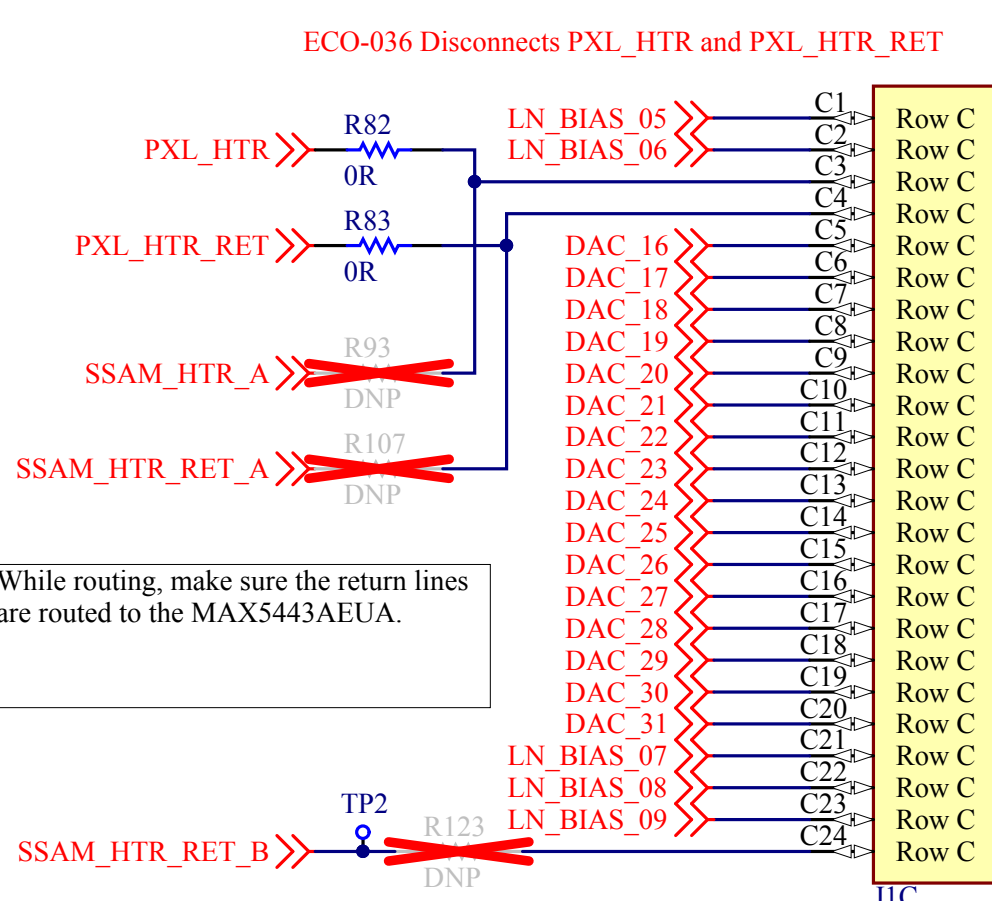
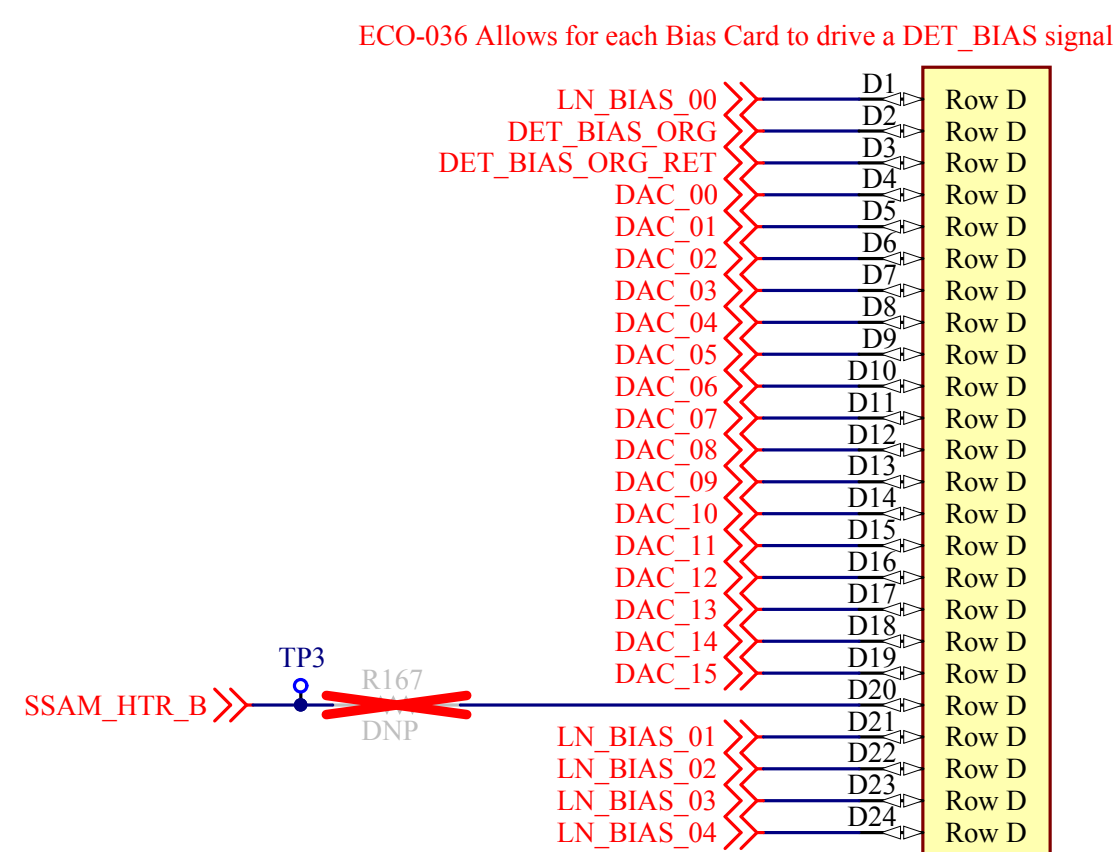
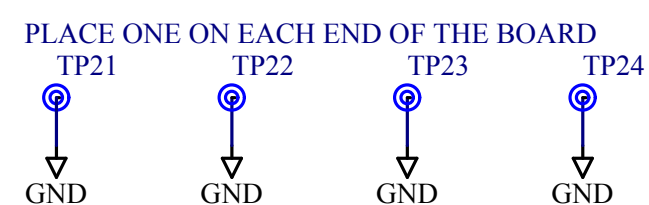


Use UBC Logo
Use UBC Logo

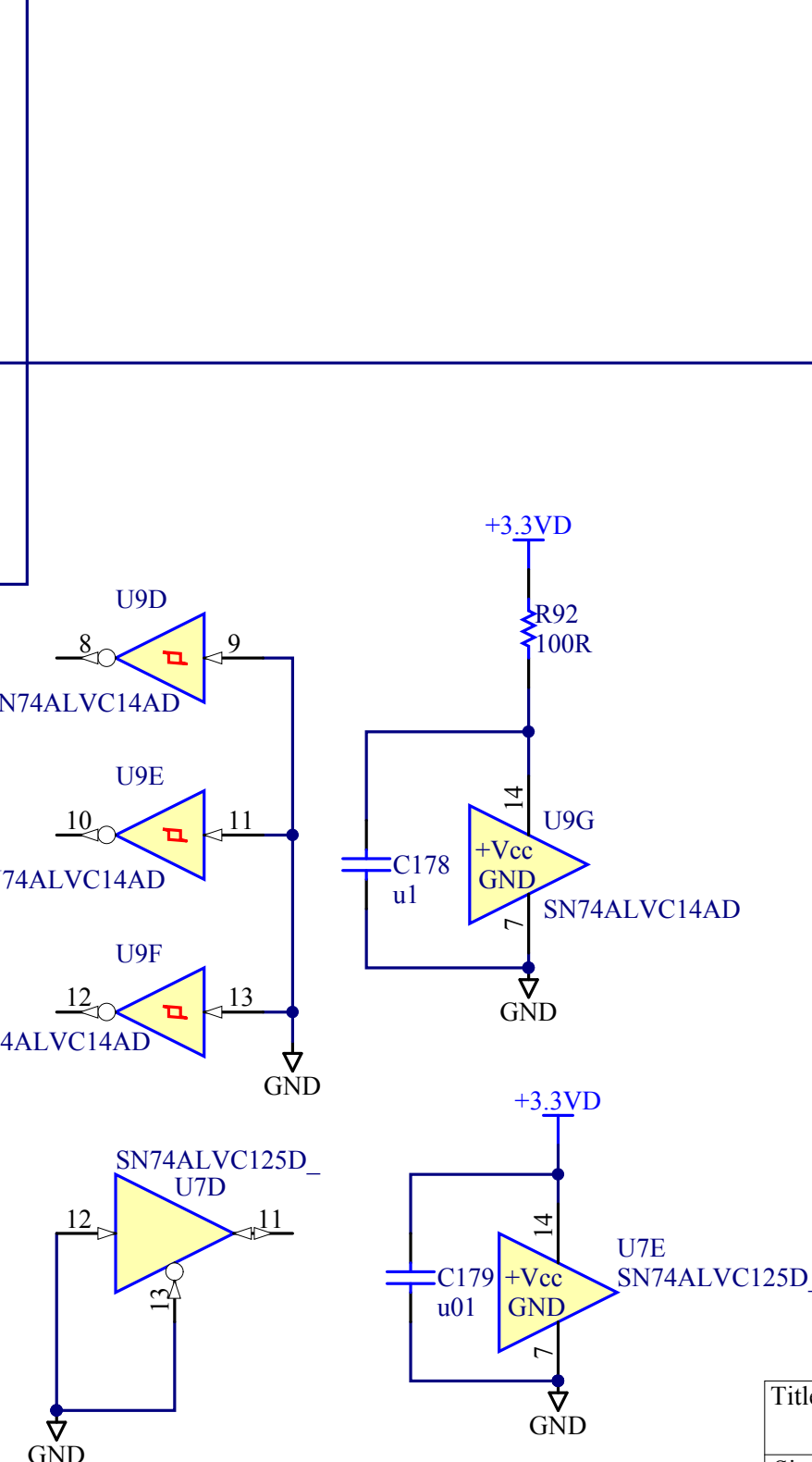
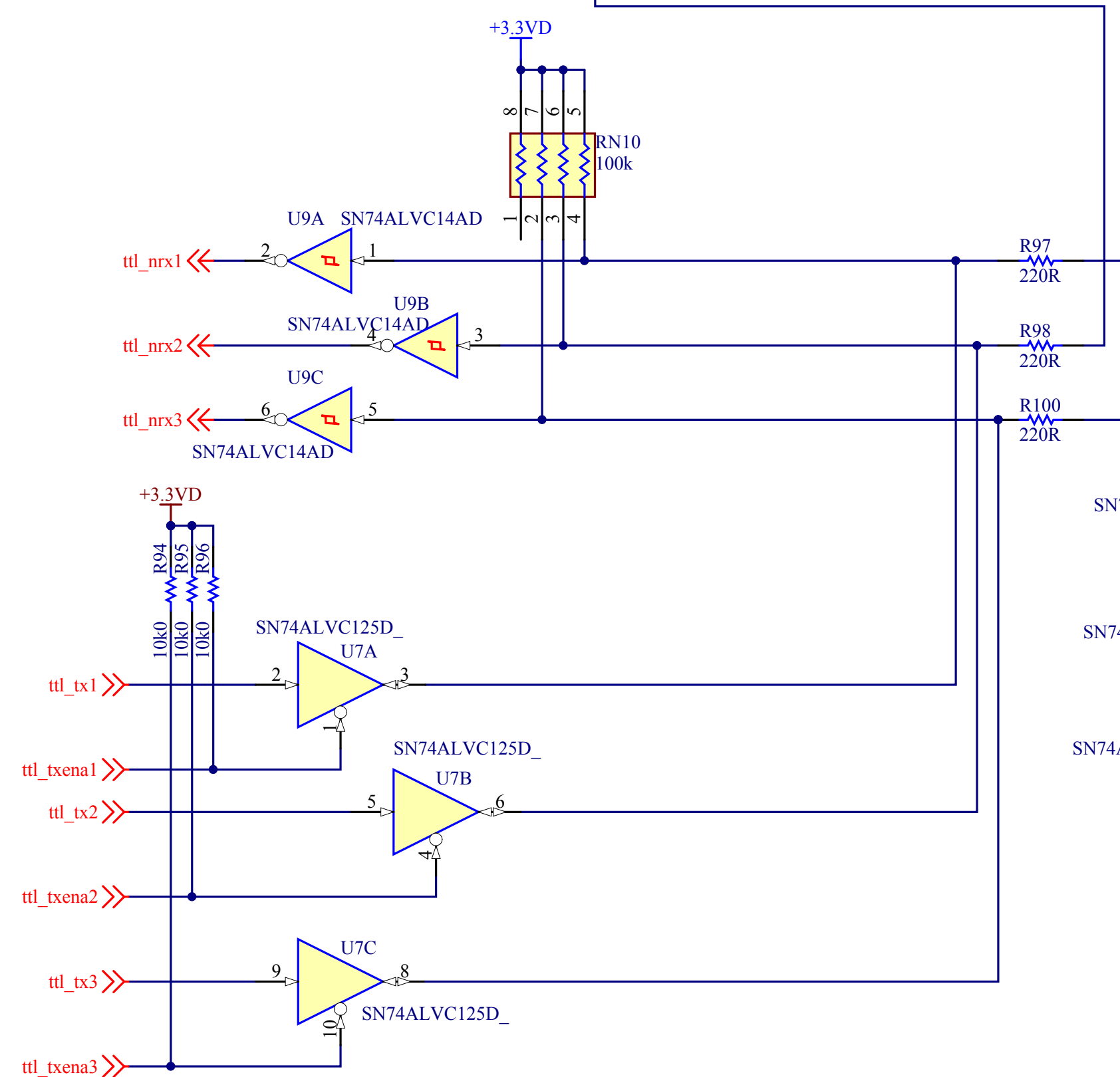
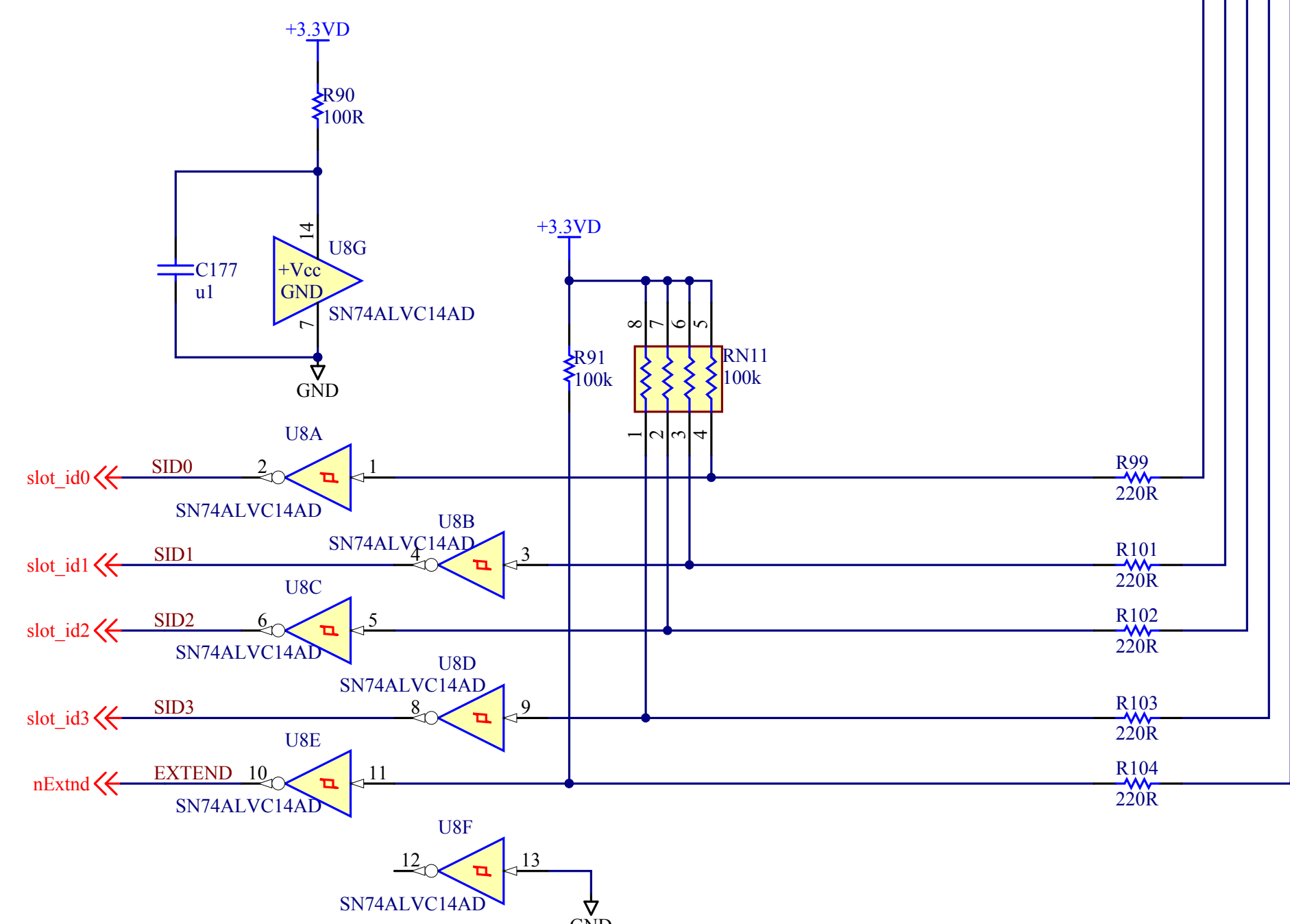
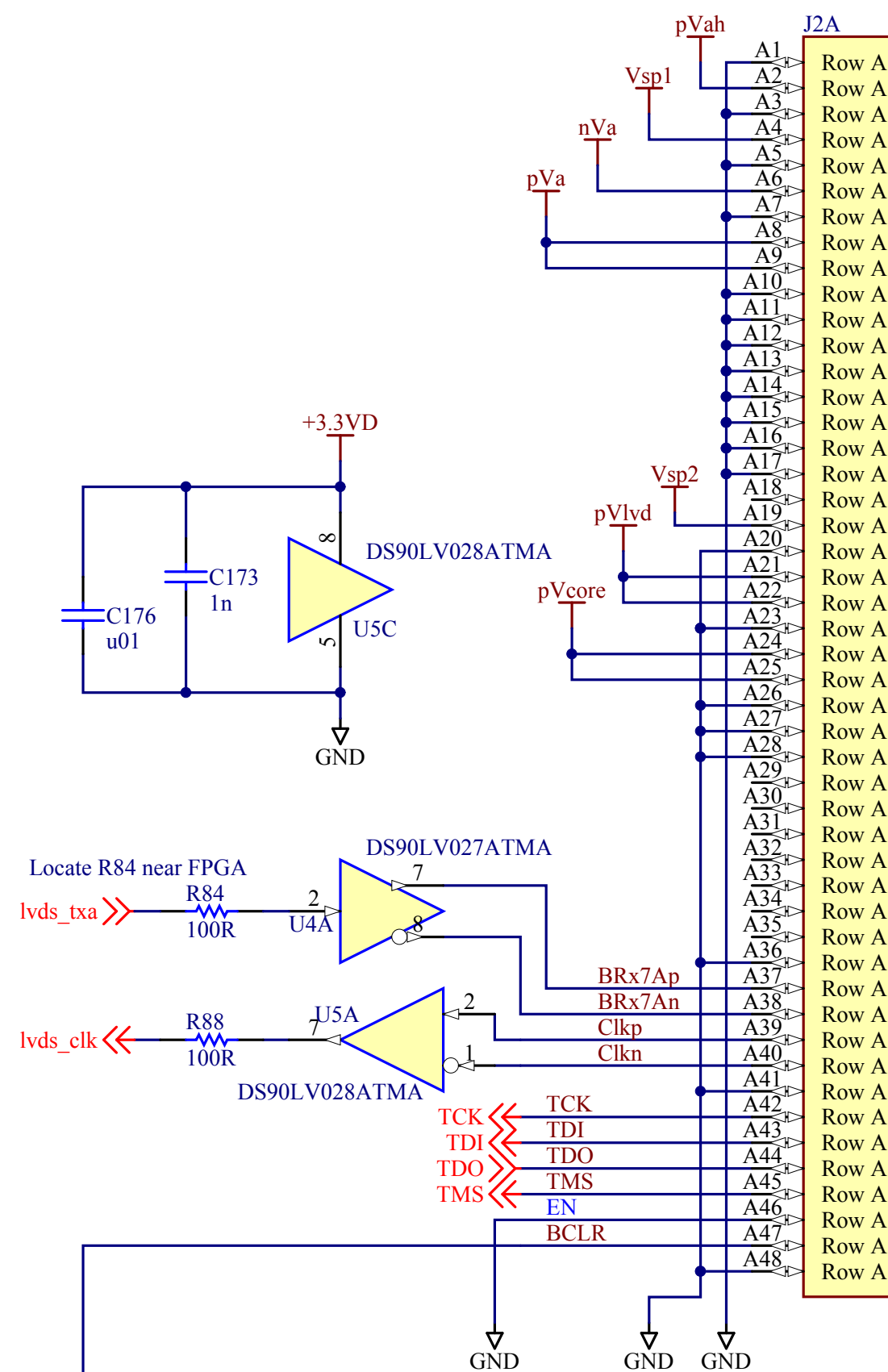
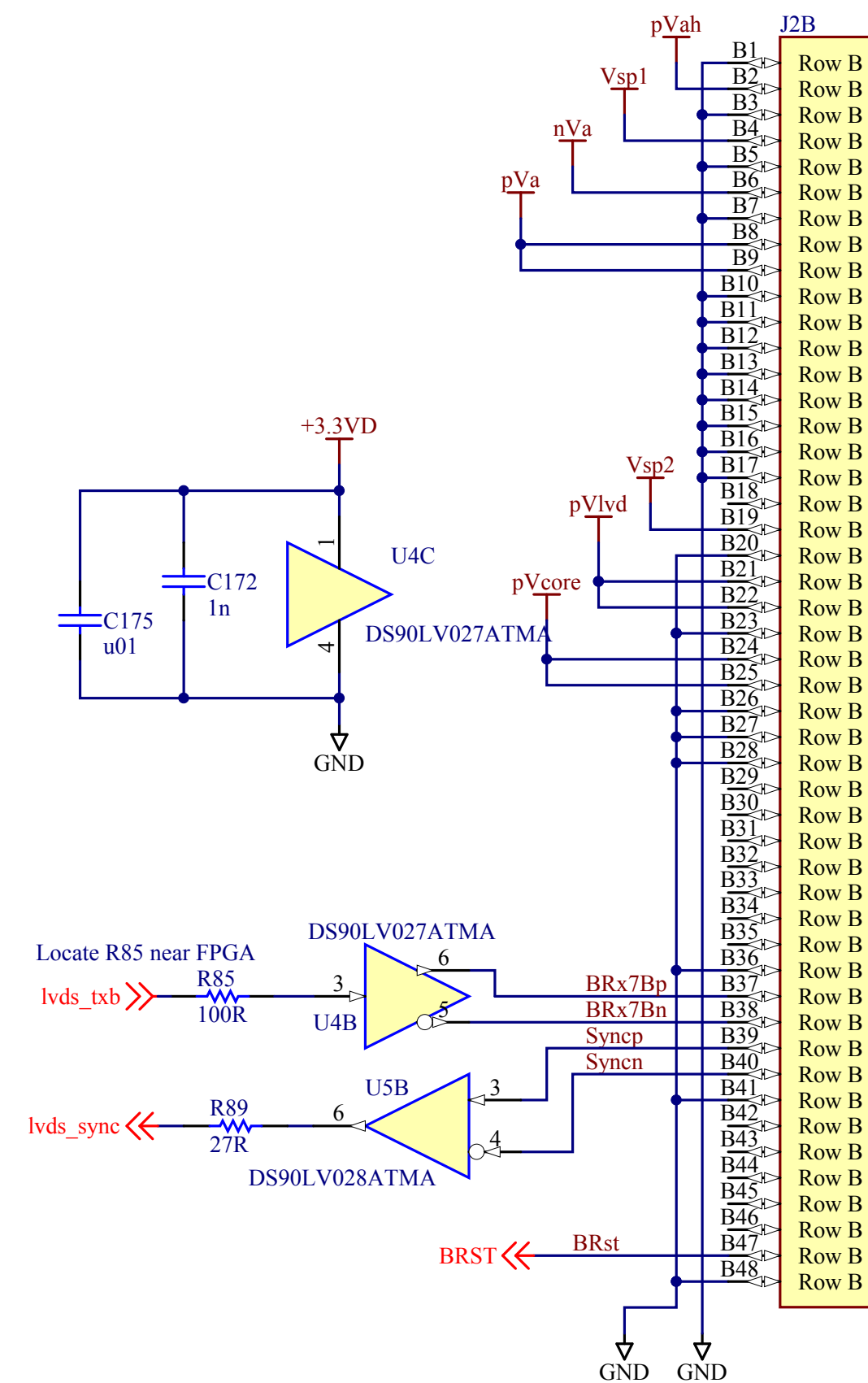
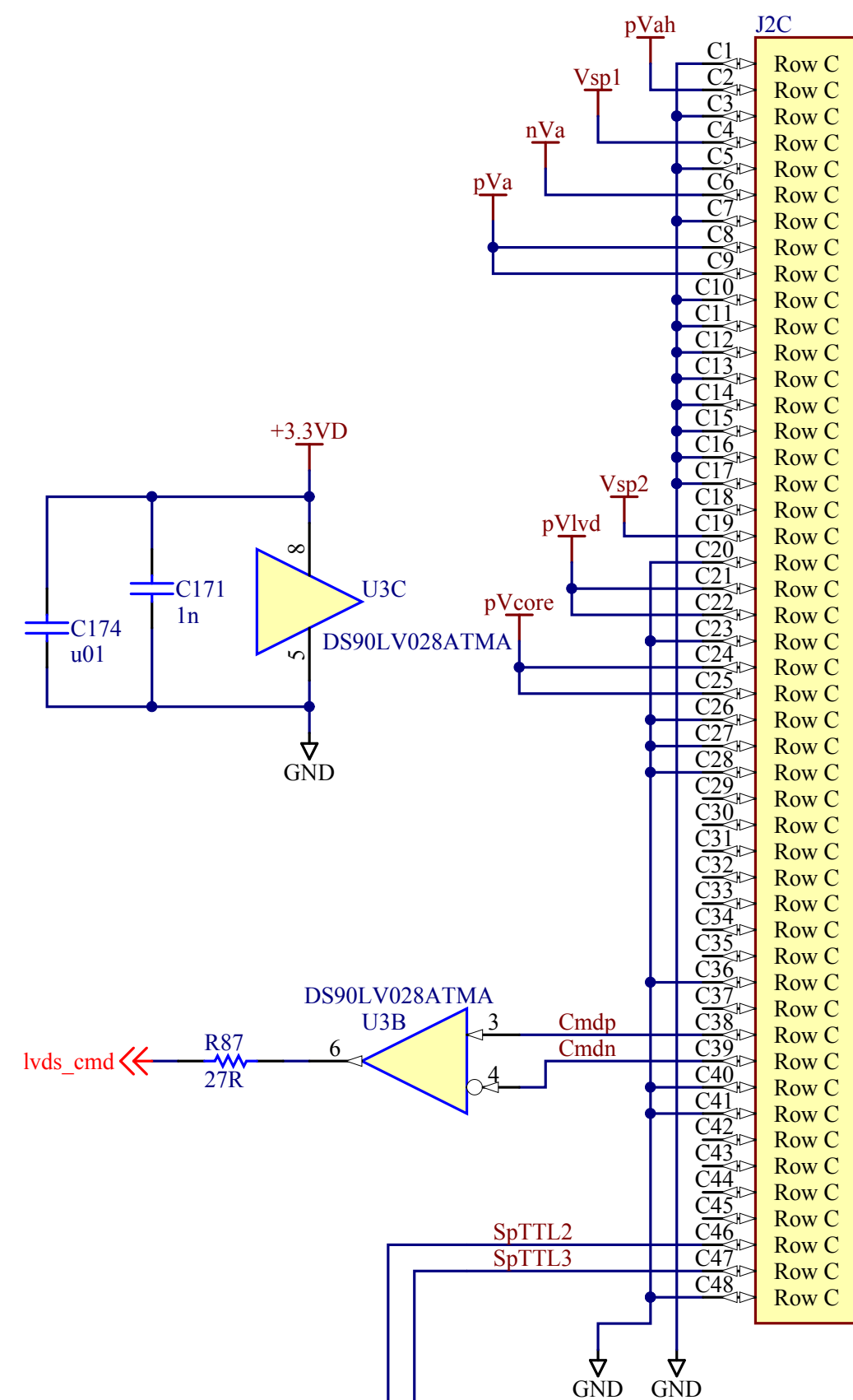
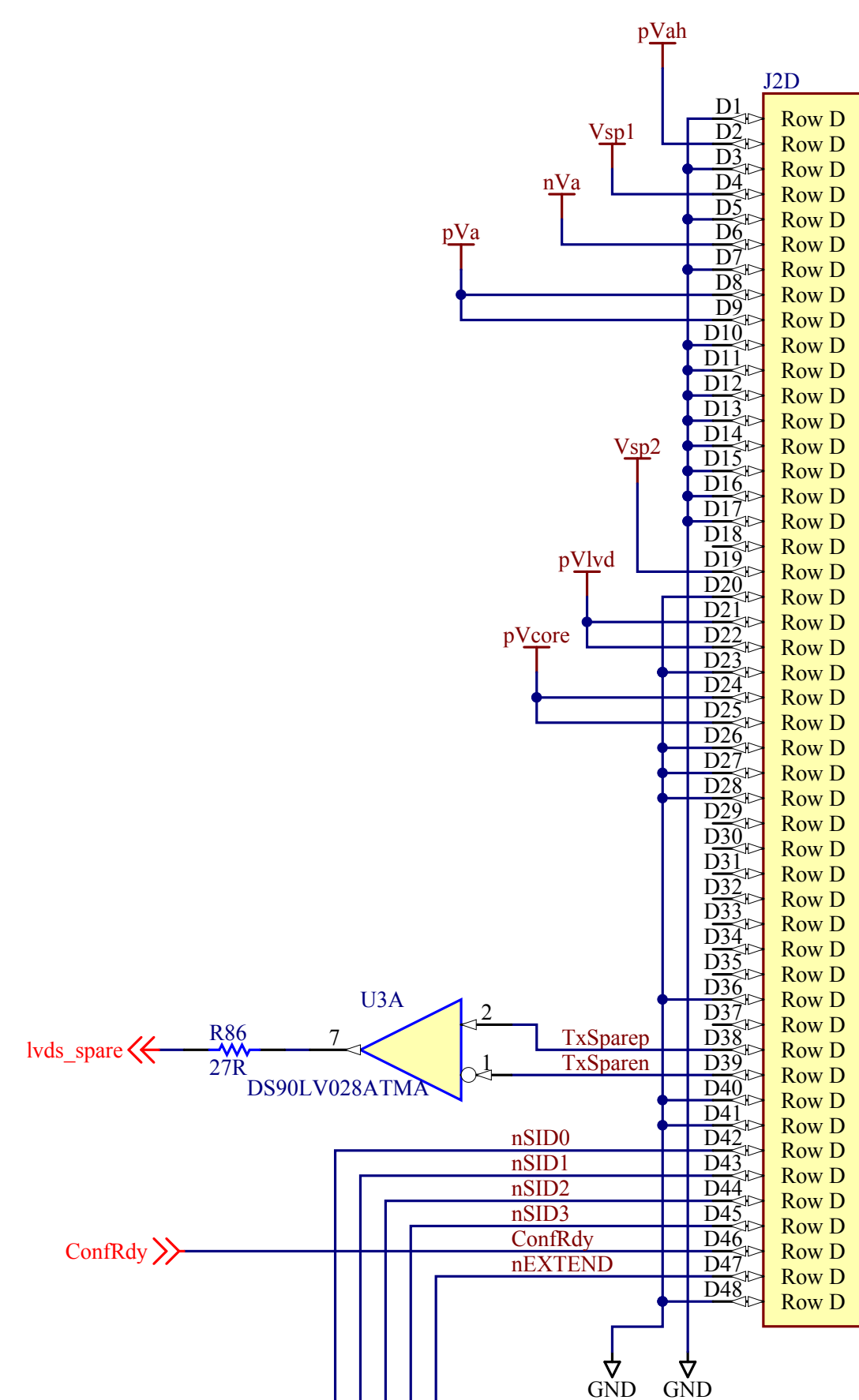
Add Fiducial Point
FP1
Add Fiducial Point
FP2
Add Fiducial Point
FP3
Add Fiducial Point
FP4

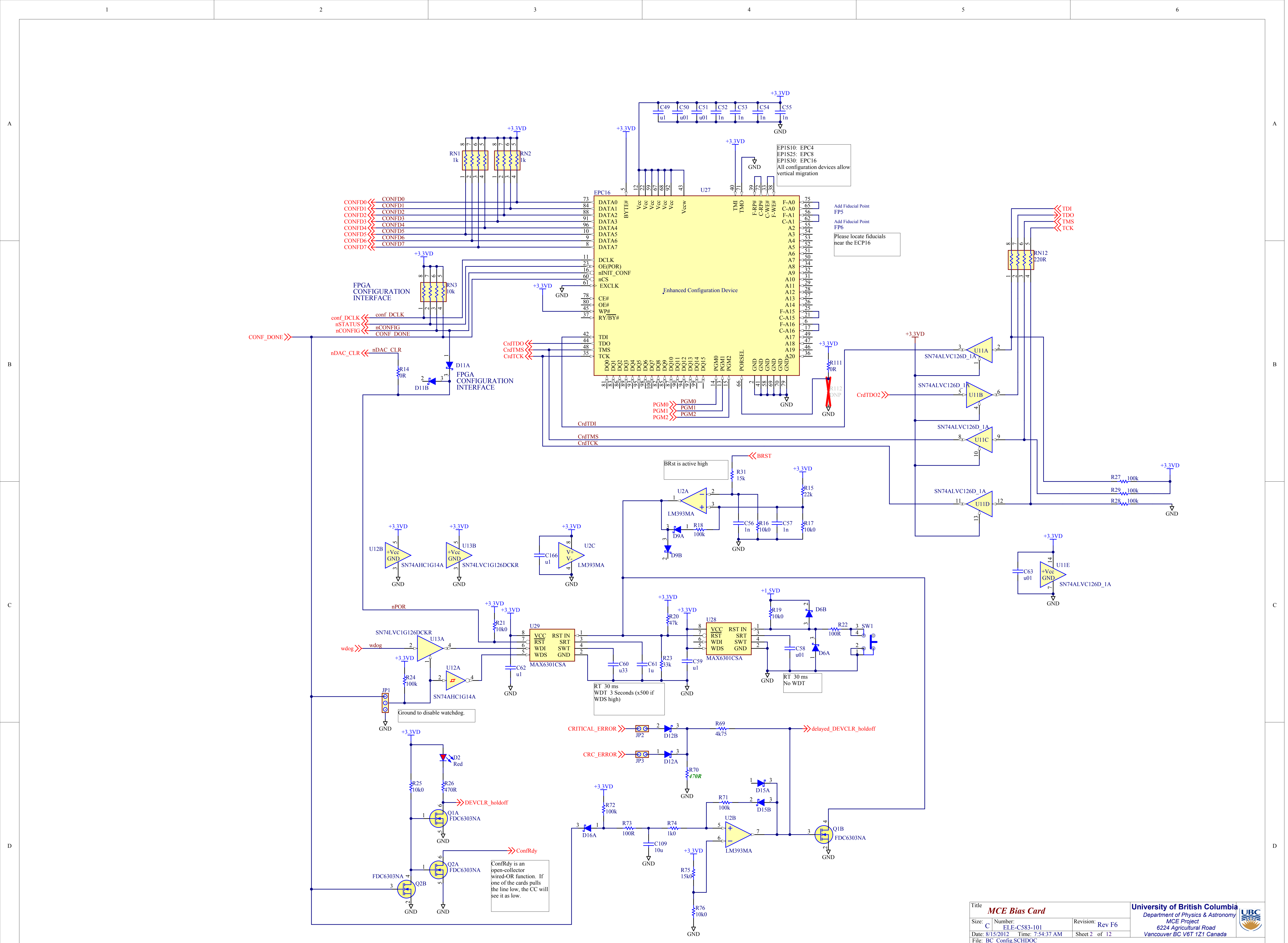
Global fiducials should be located in the four corners of the PCB board.

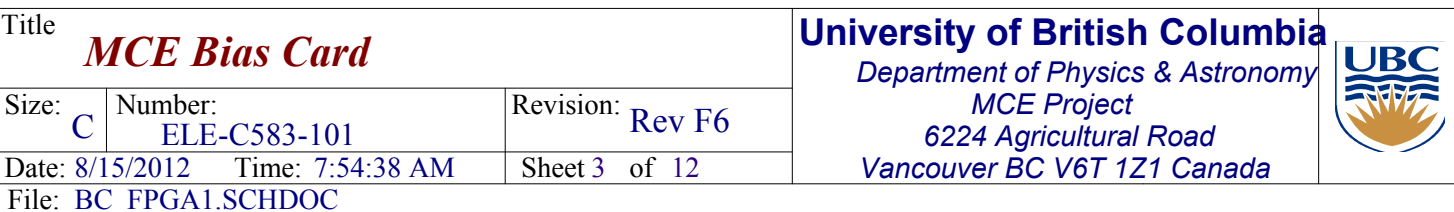
Fiducials should be at least 5mm from the edge of the board.



Bias Card - Slot 8







A

B

C

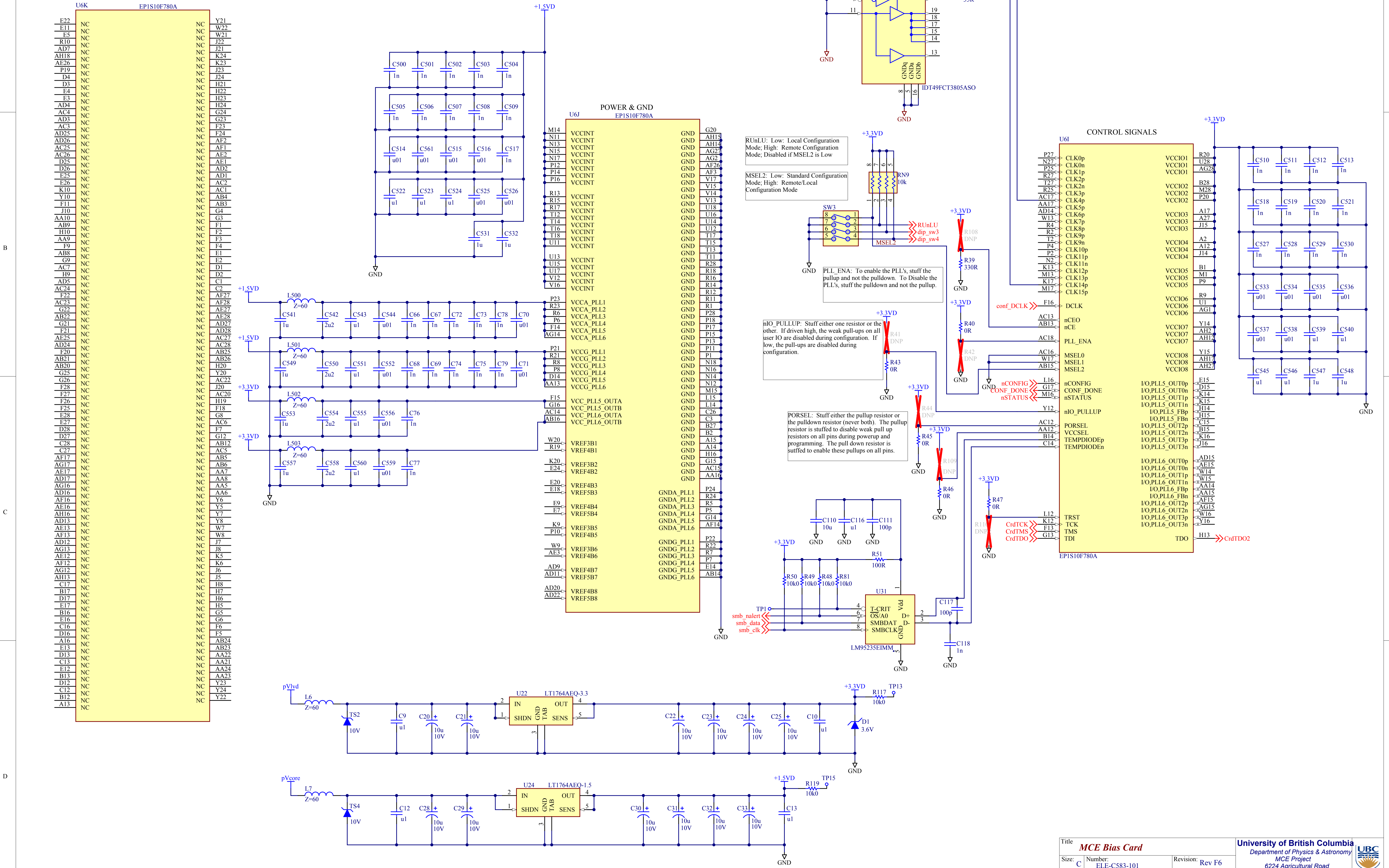
D

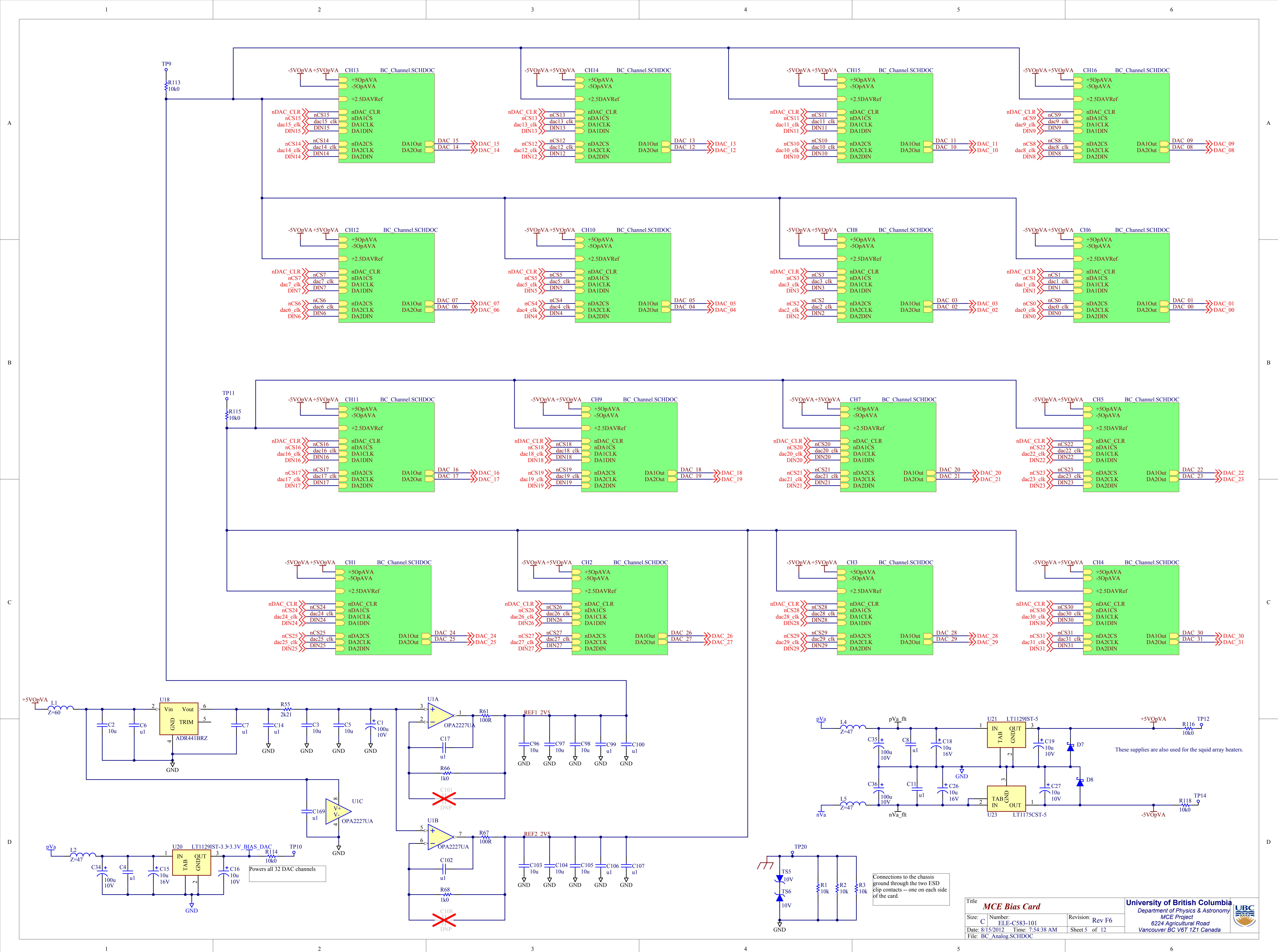
A

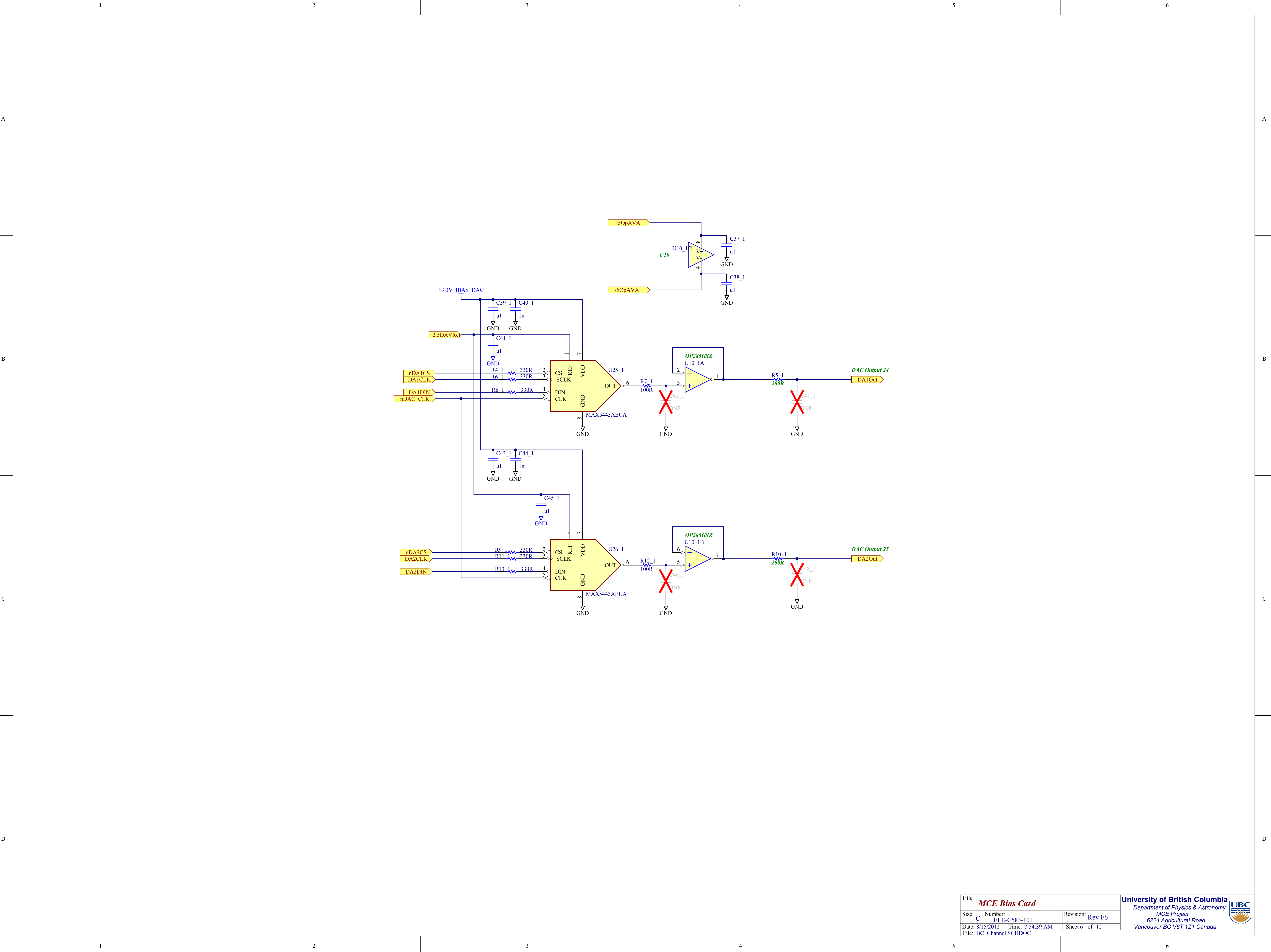
B

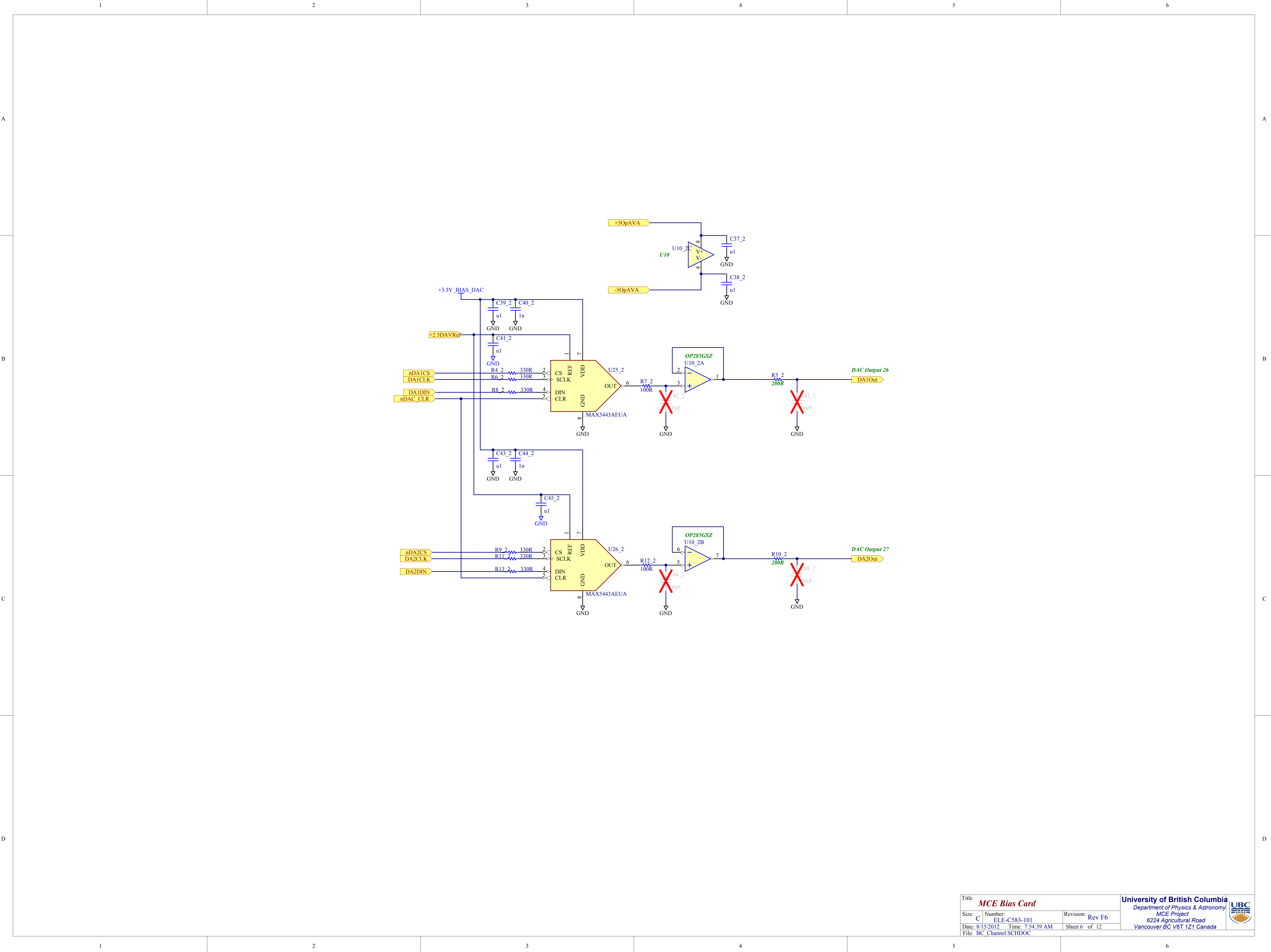
C

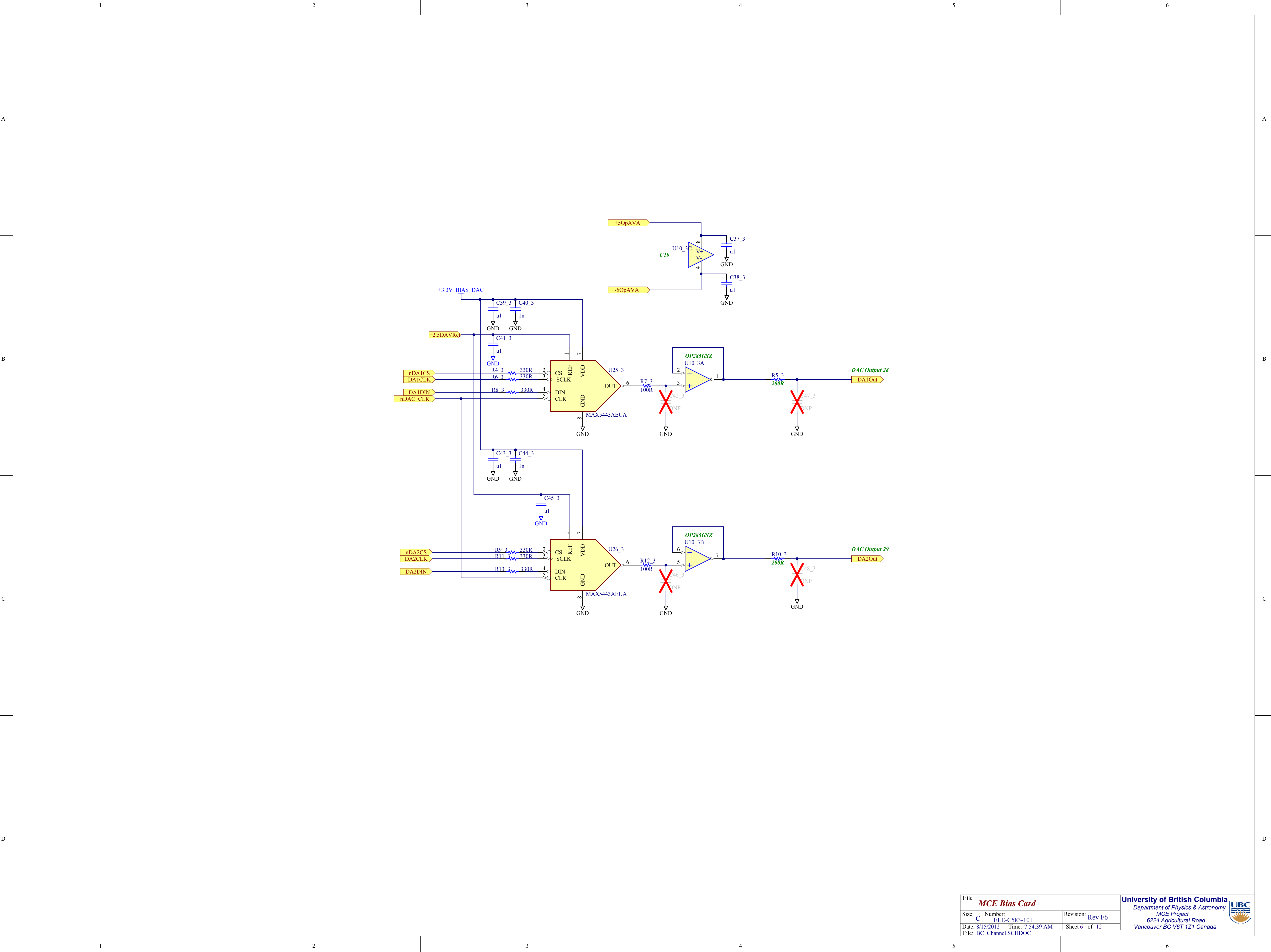
D

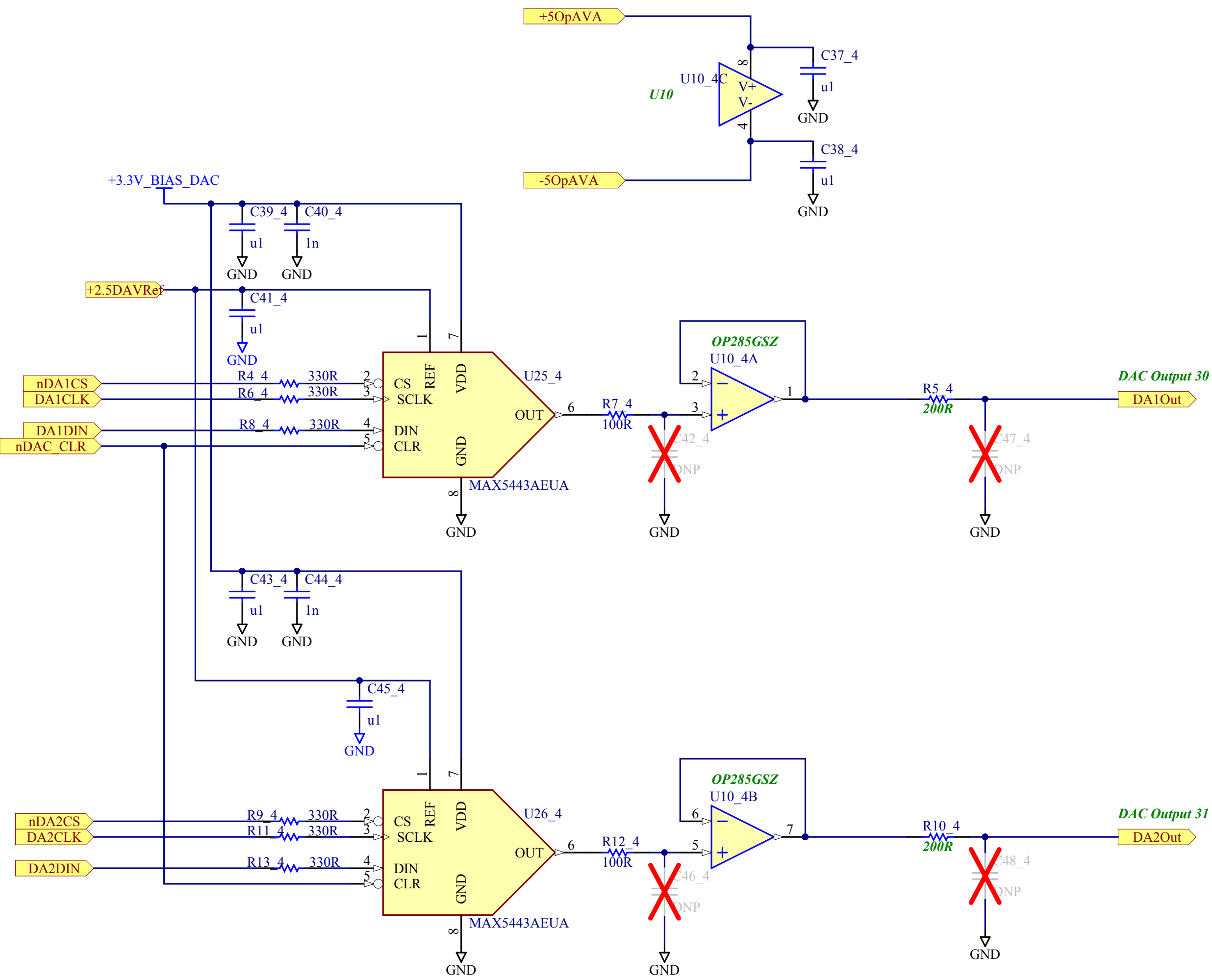


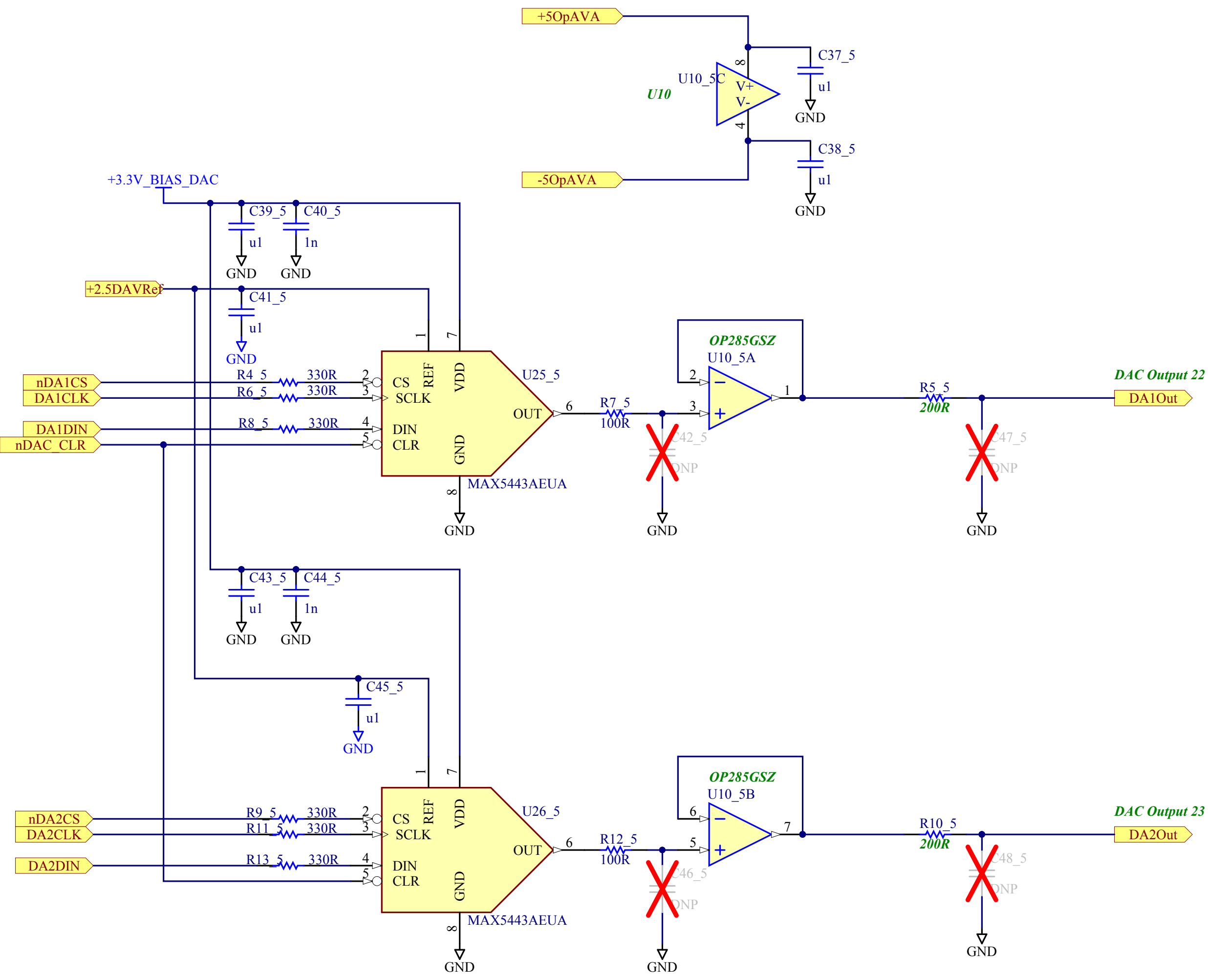










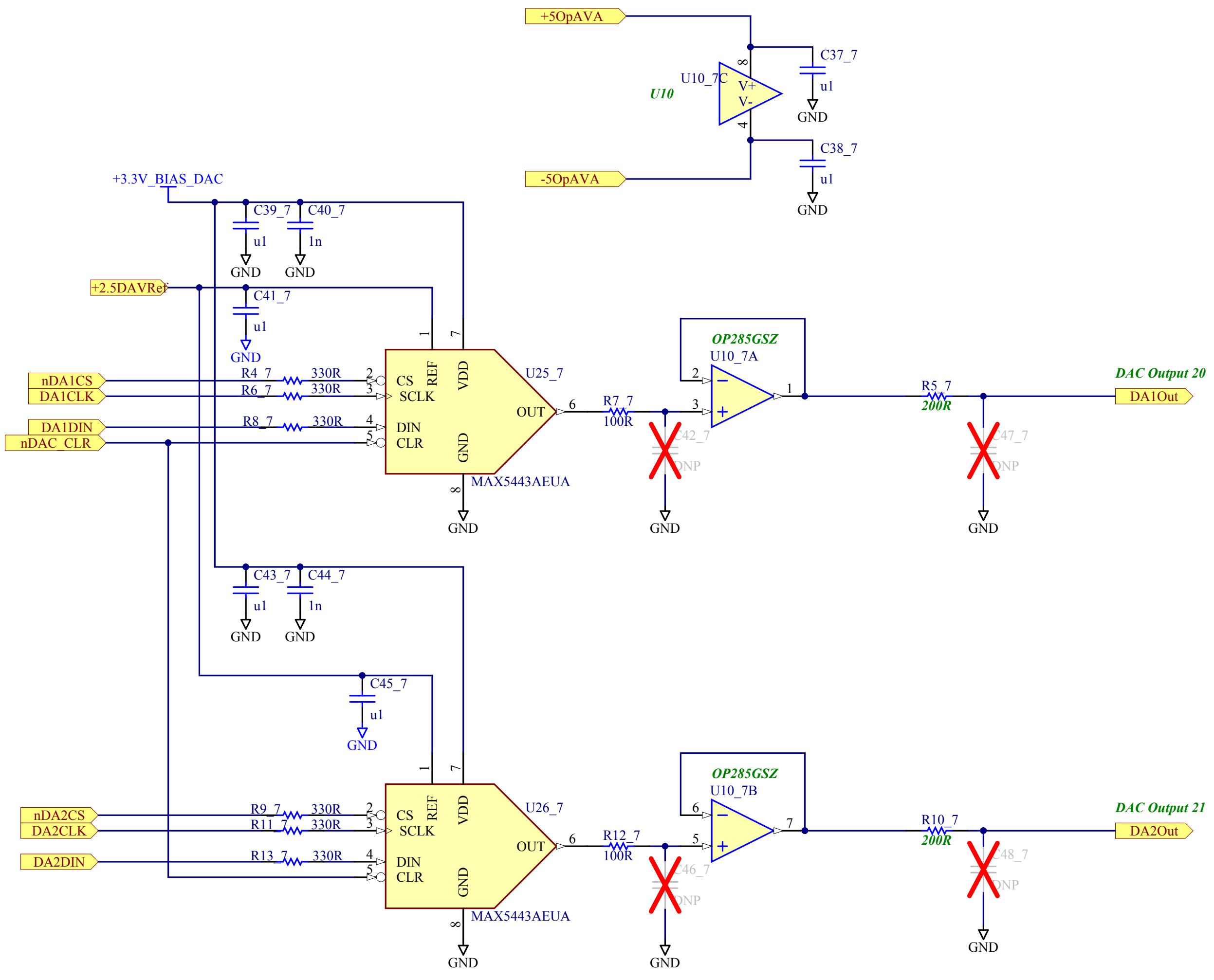


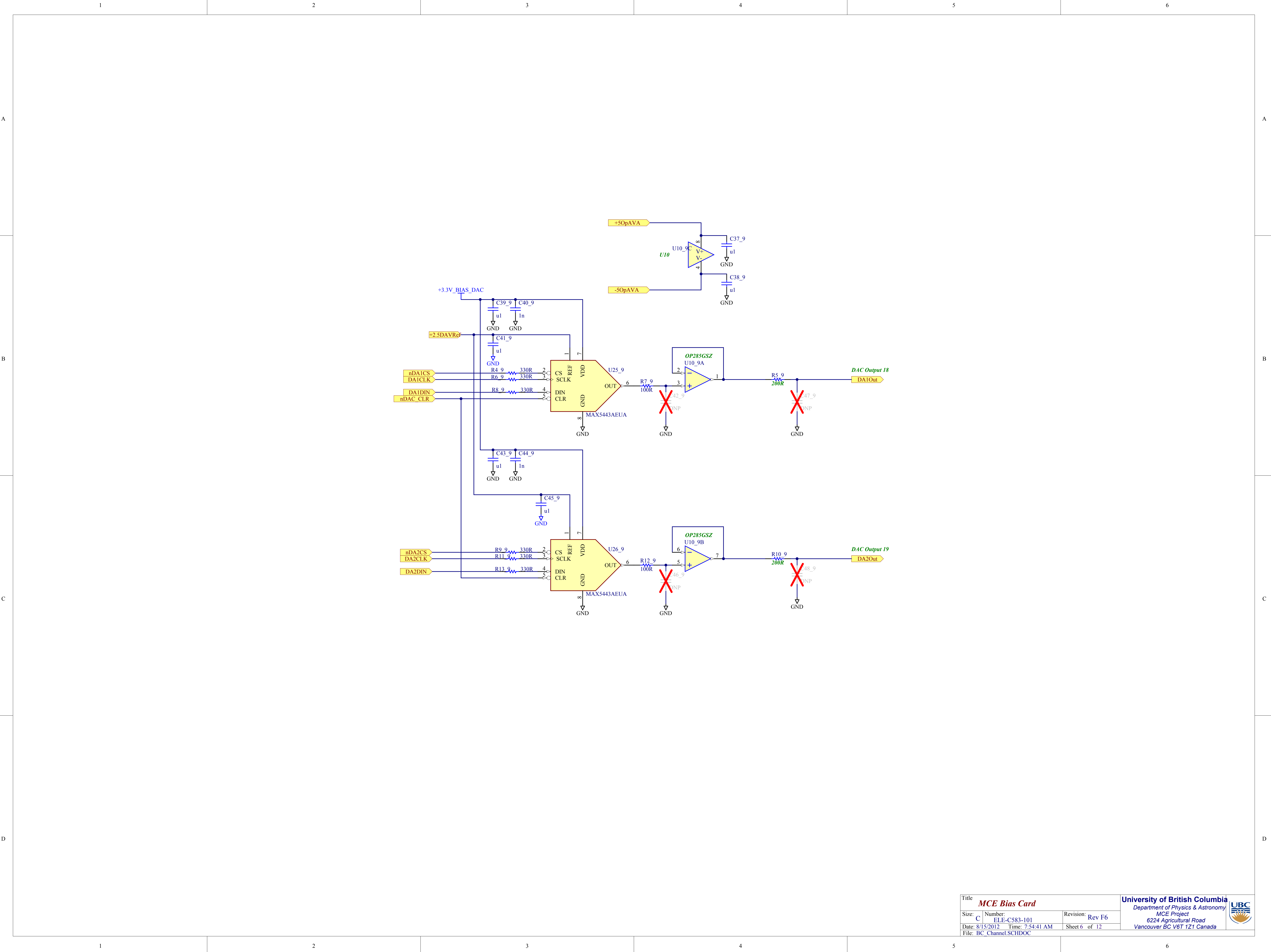
A

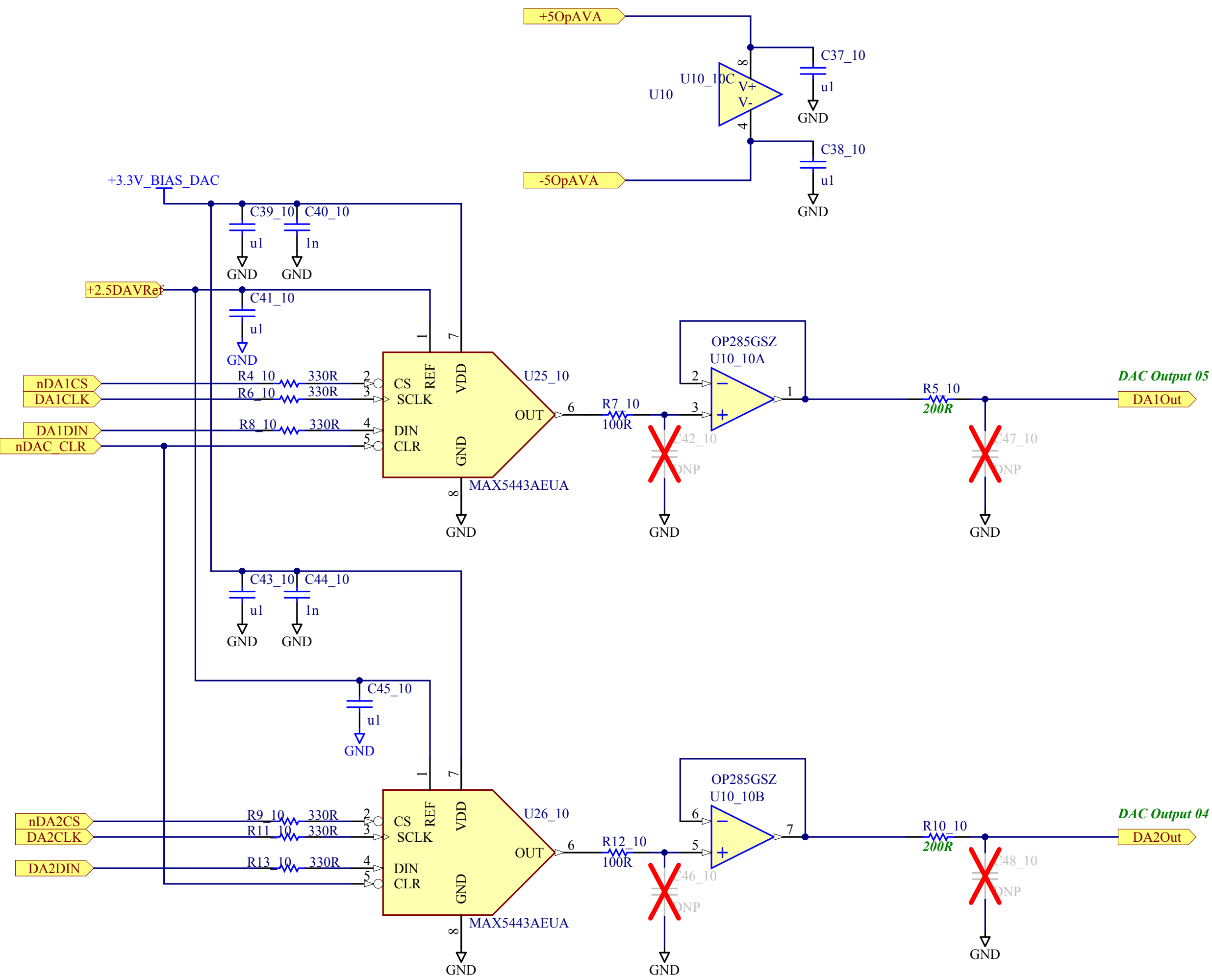
B

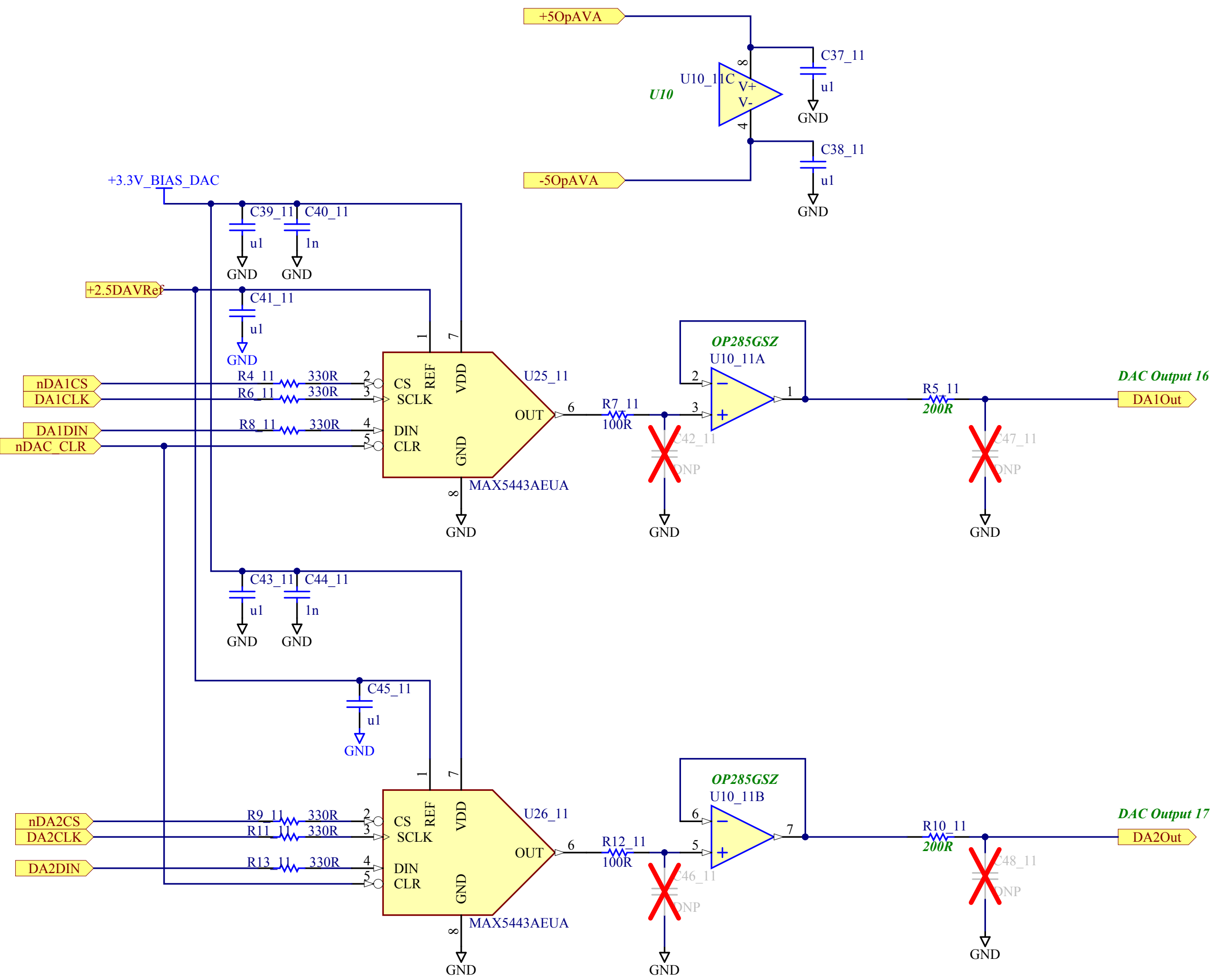
C

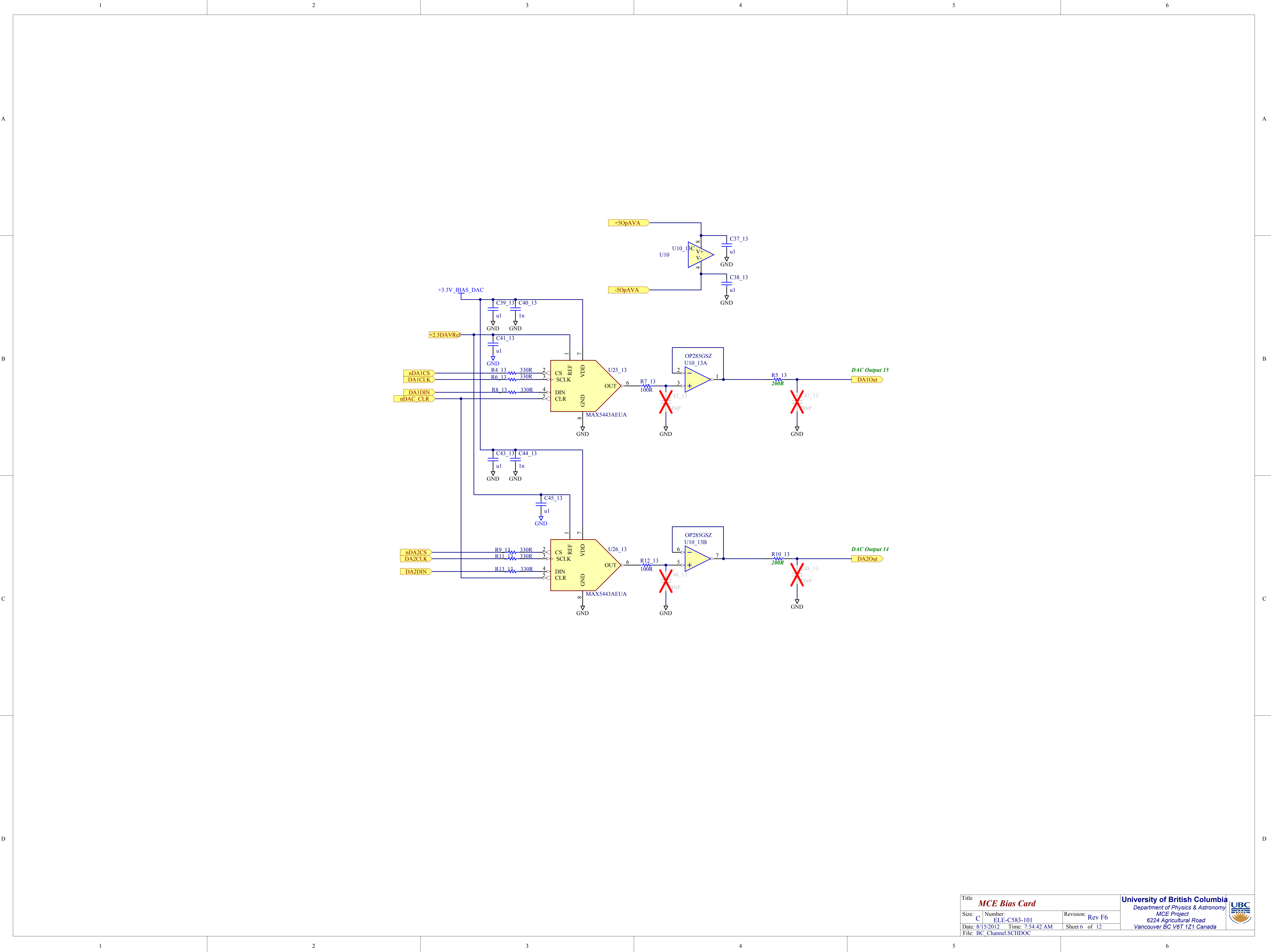
D

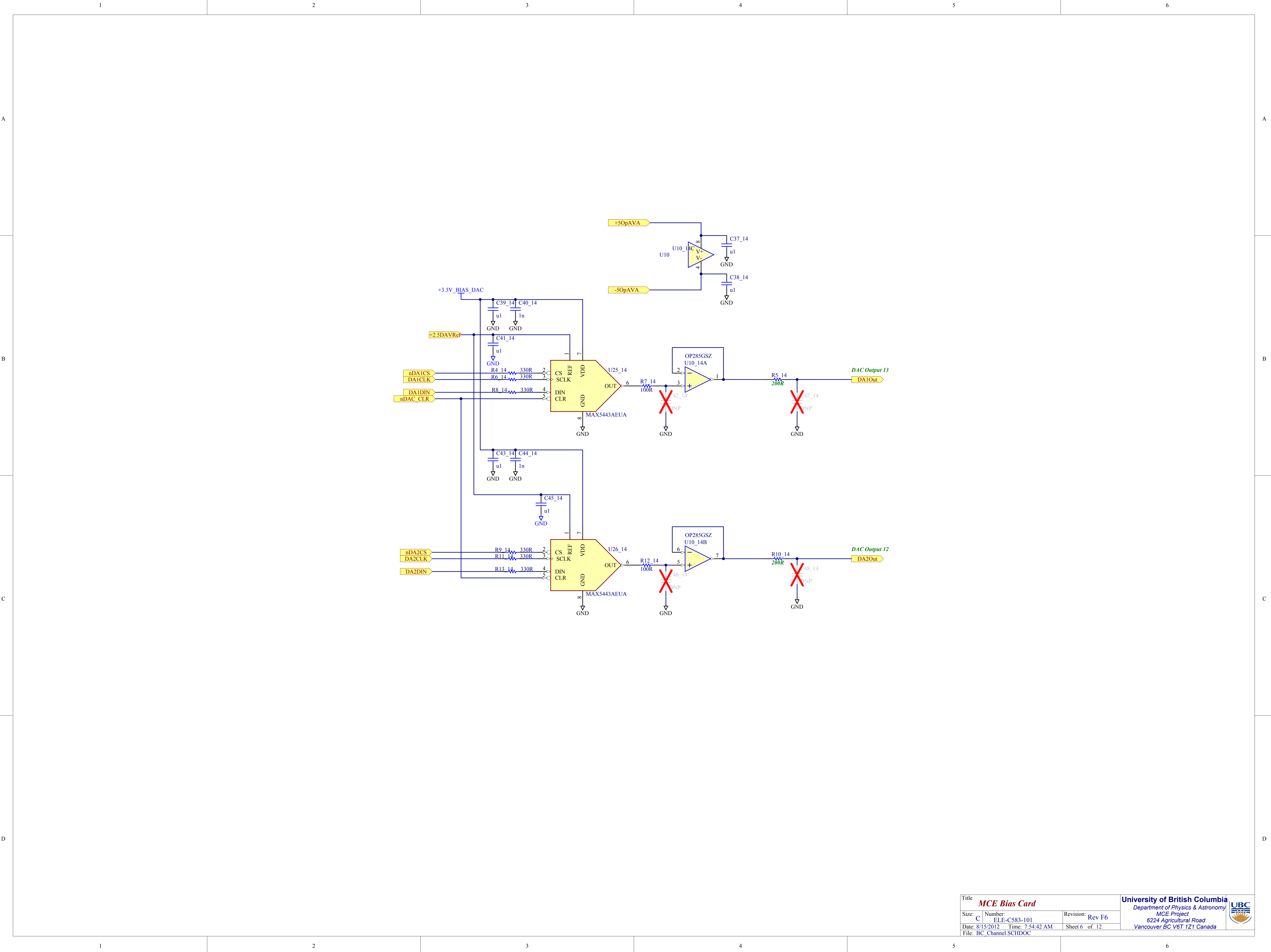


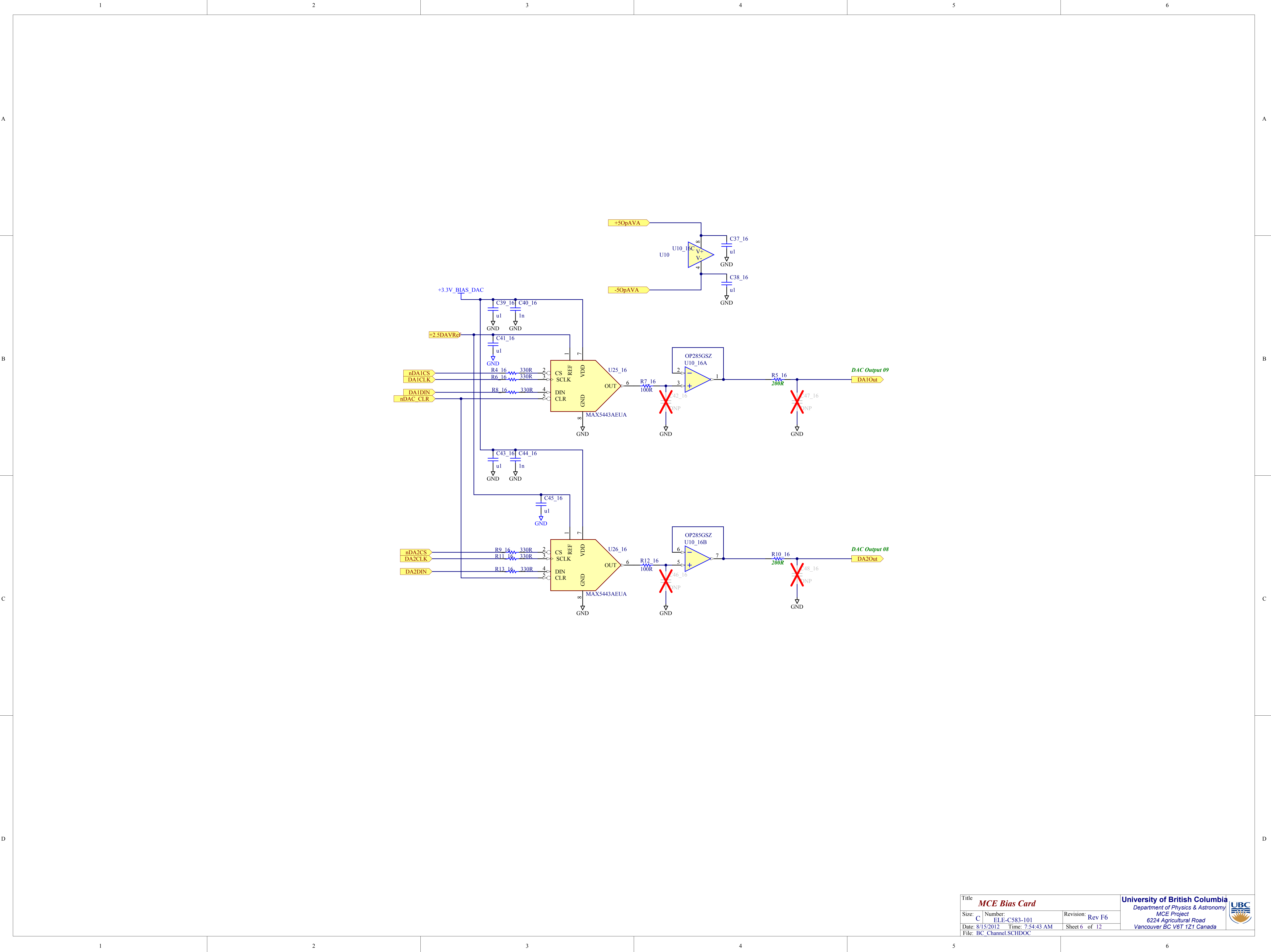










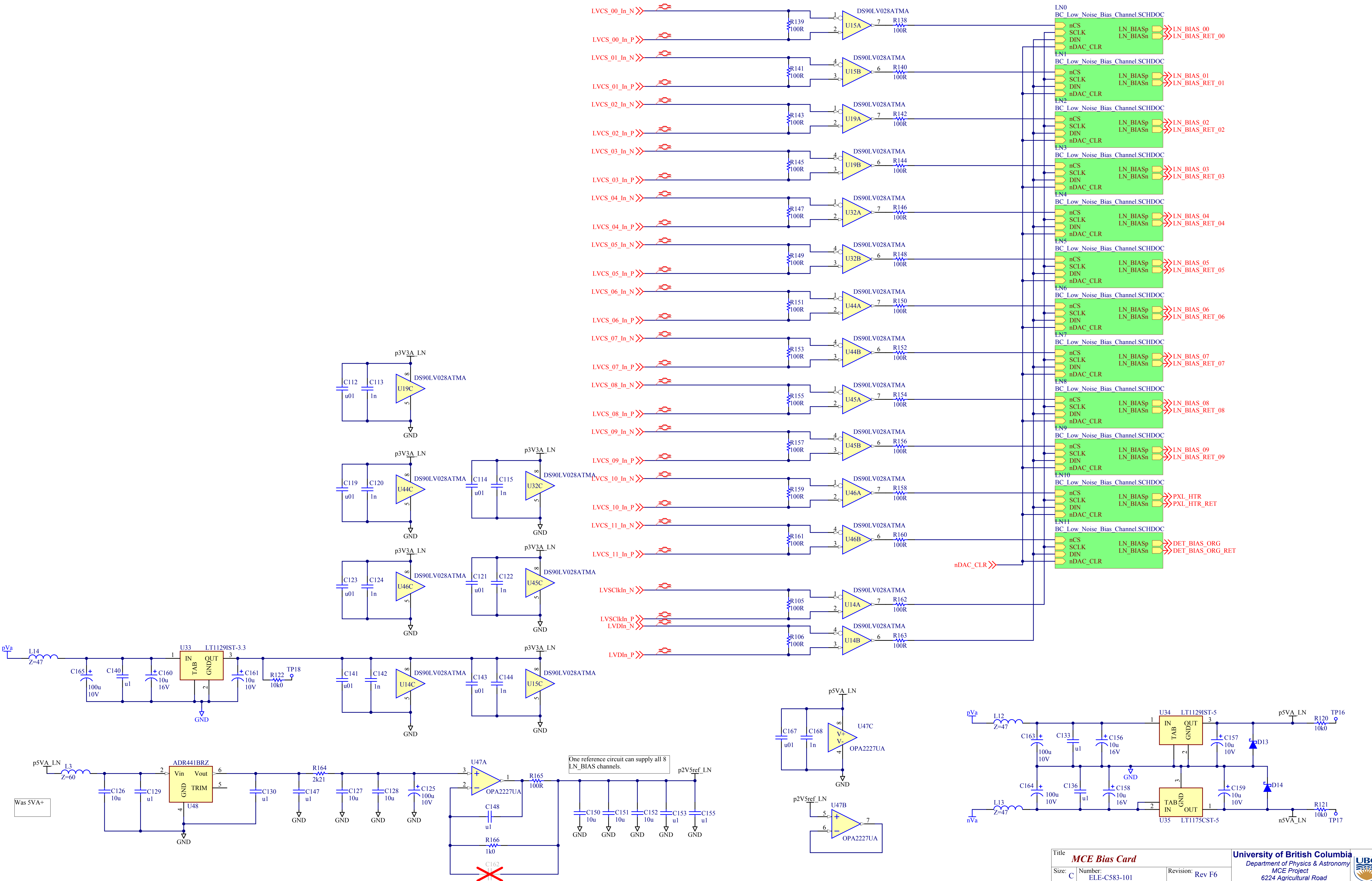


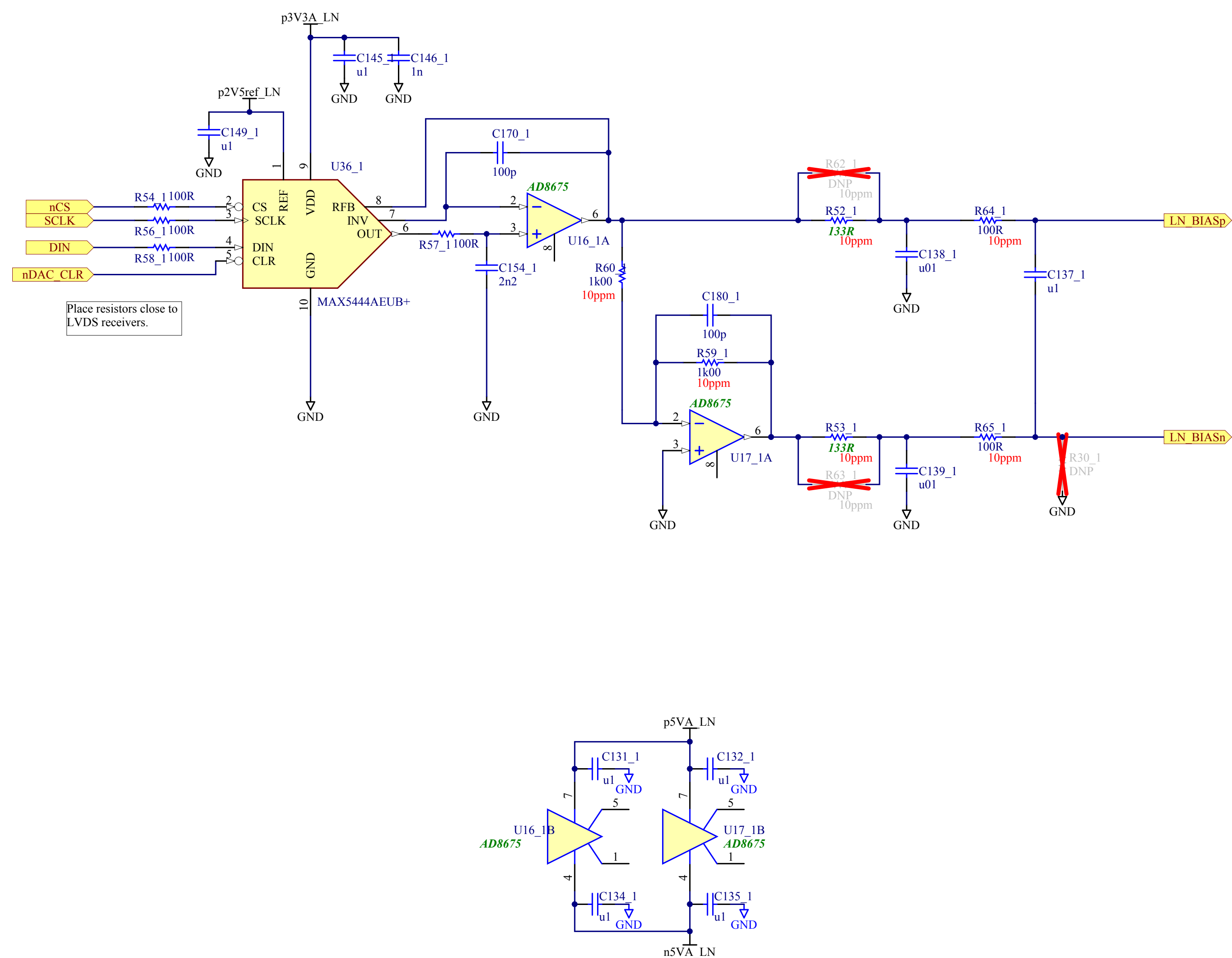
A

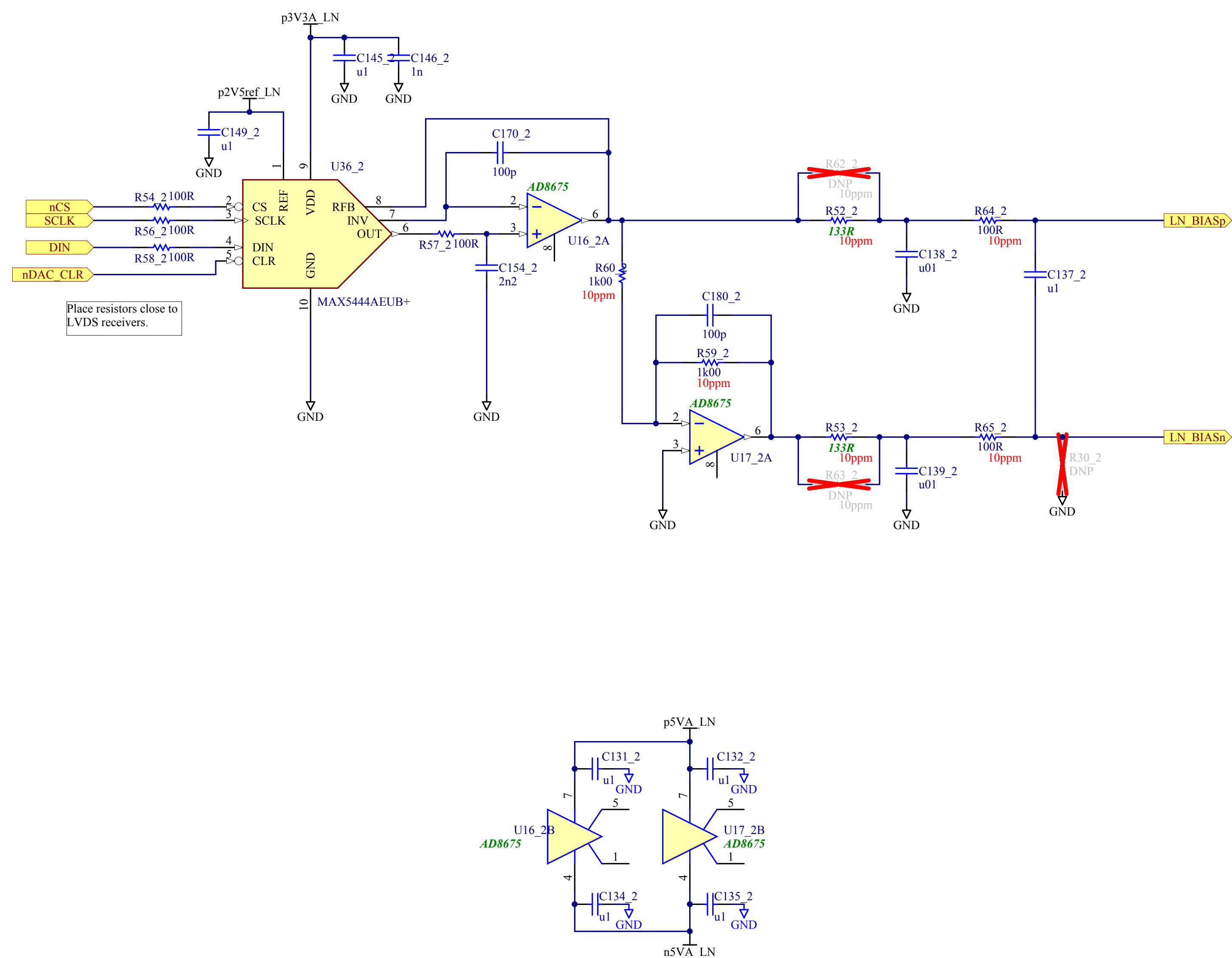
B

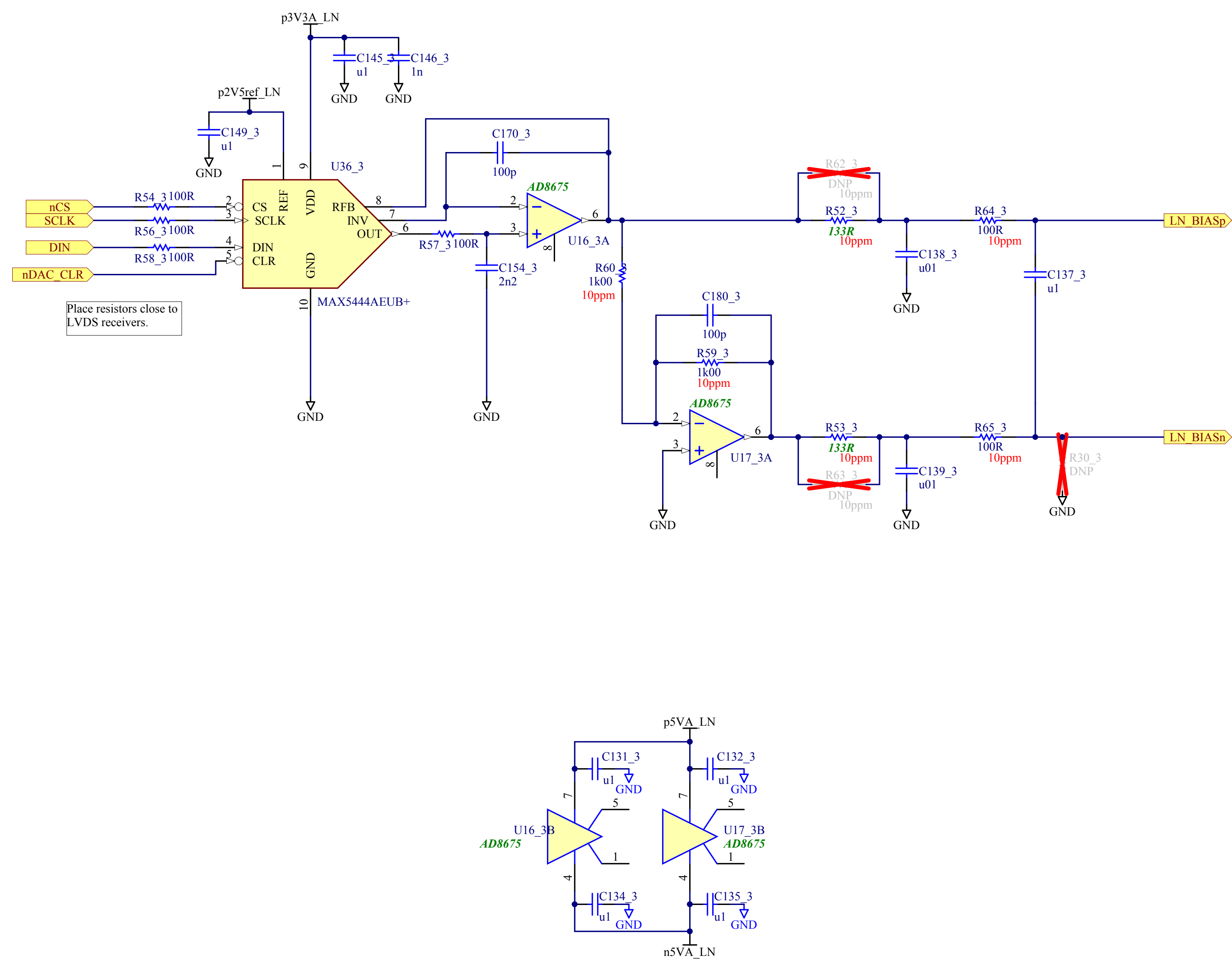
C

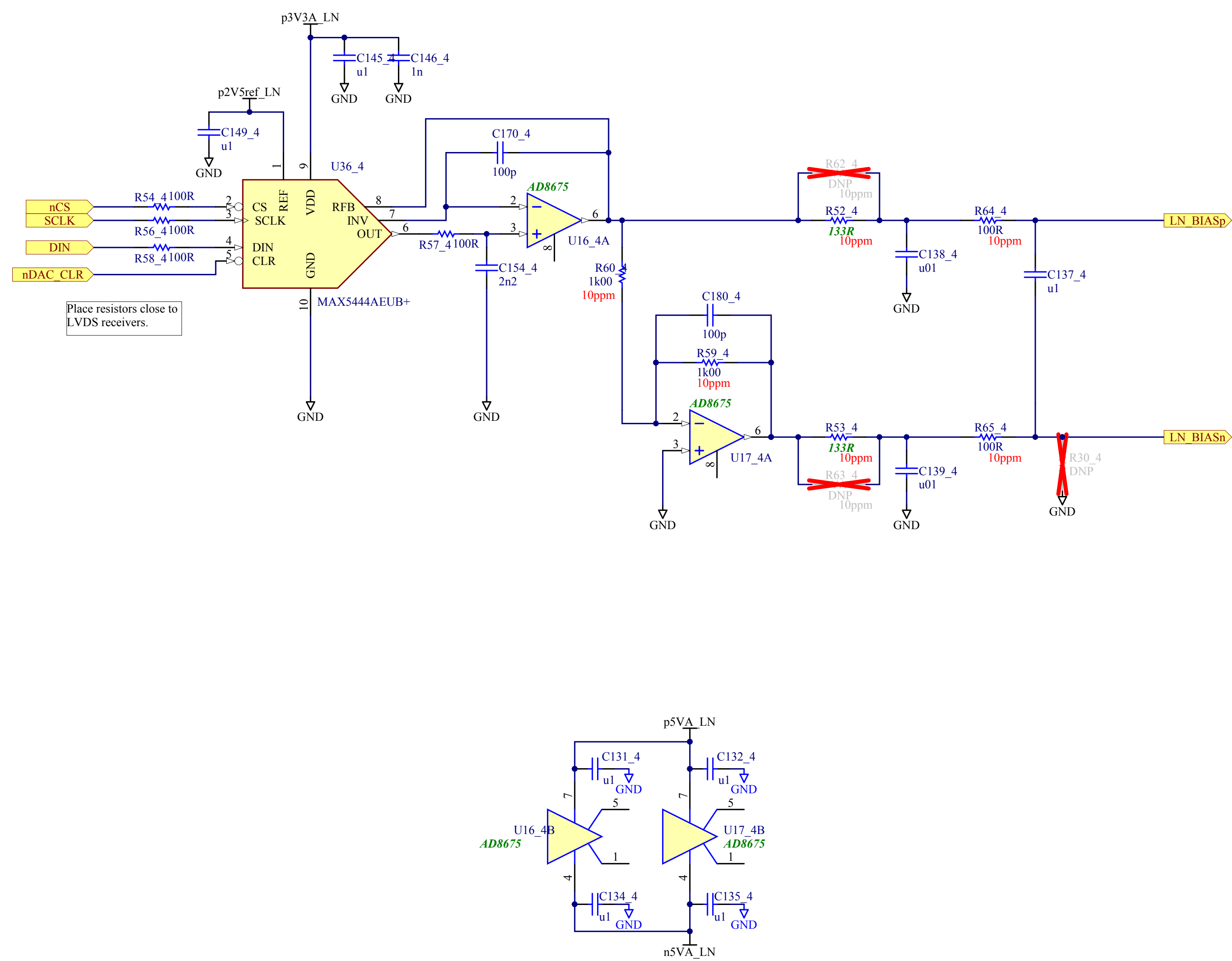
D

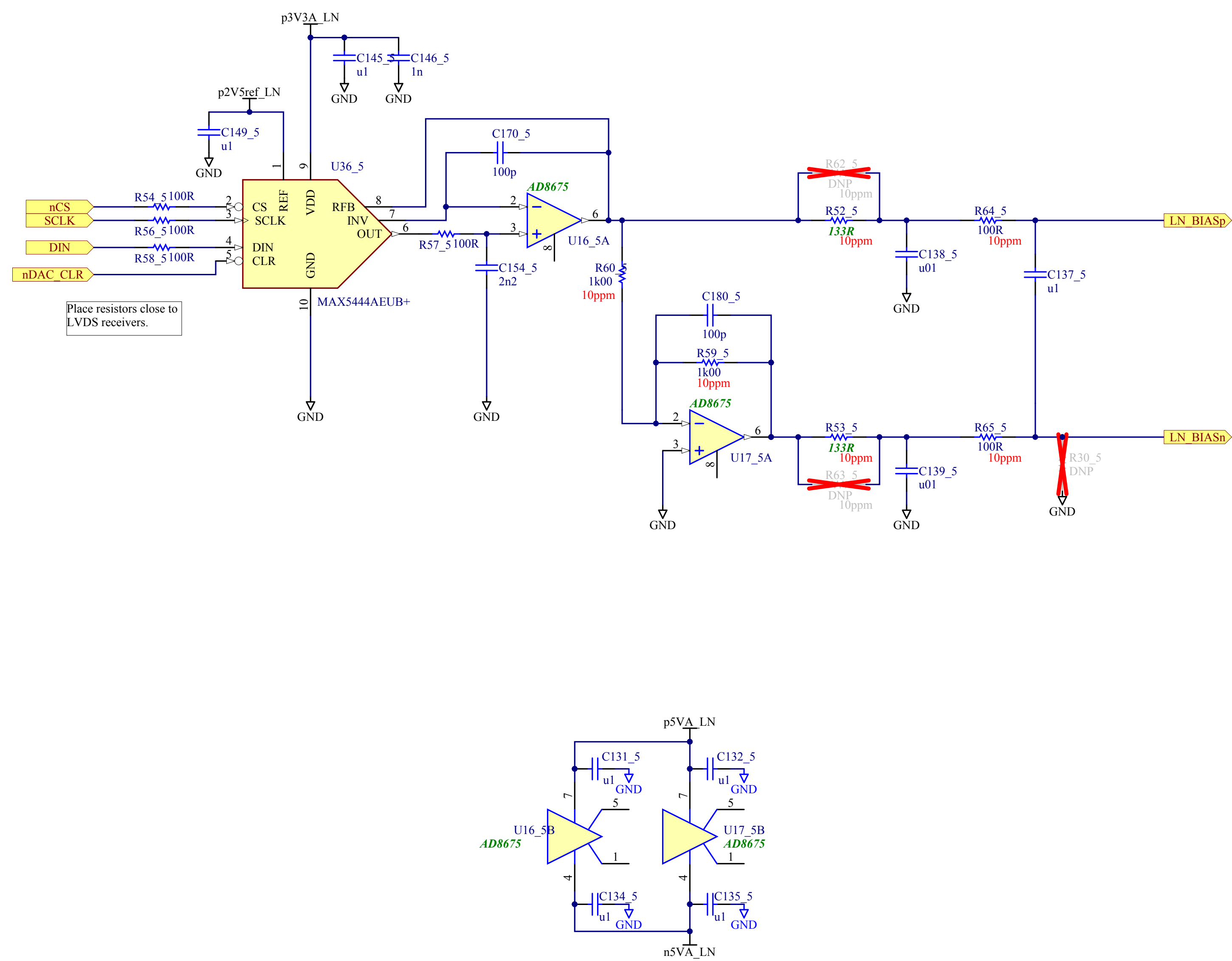


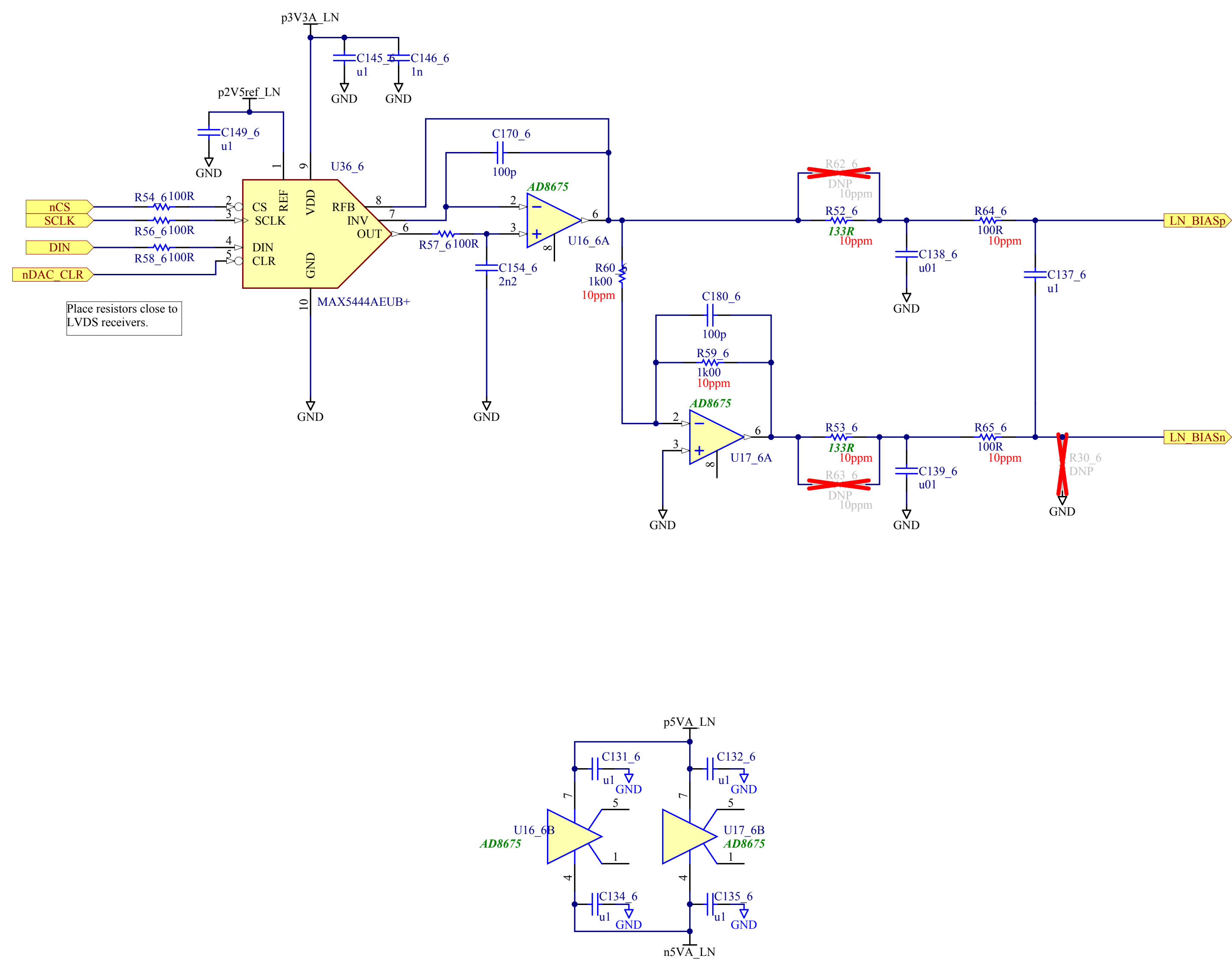


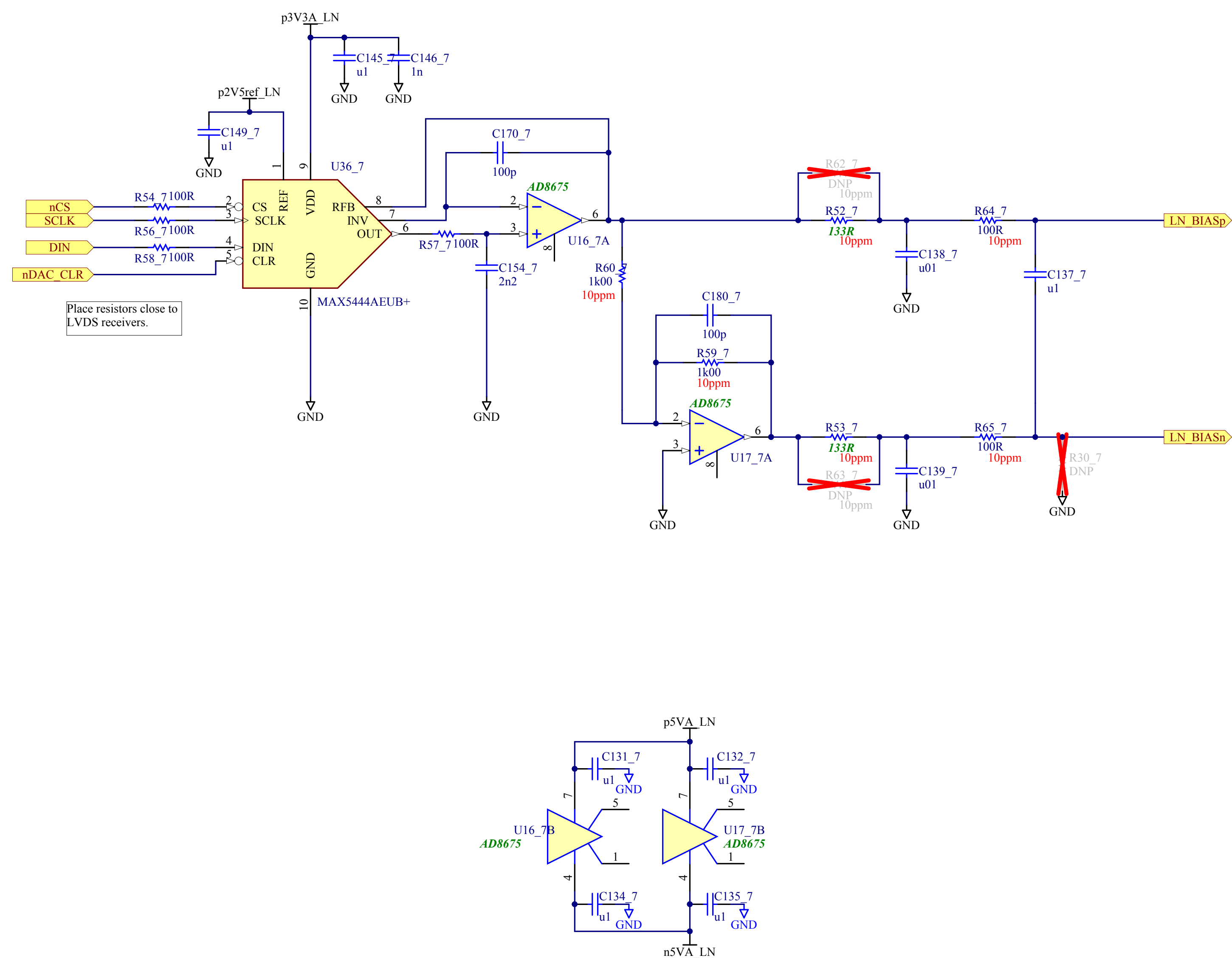


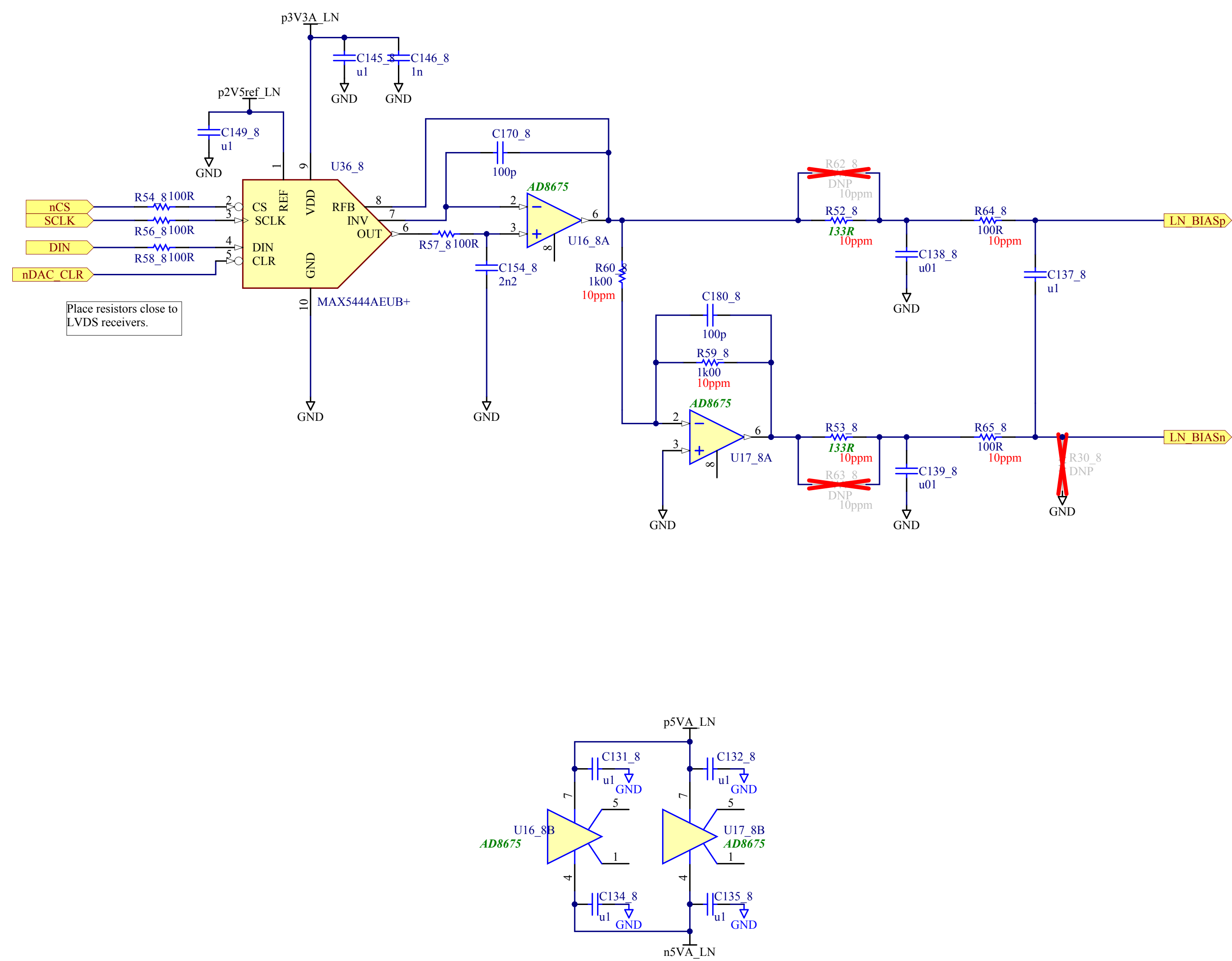


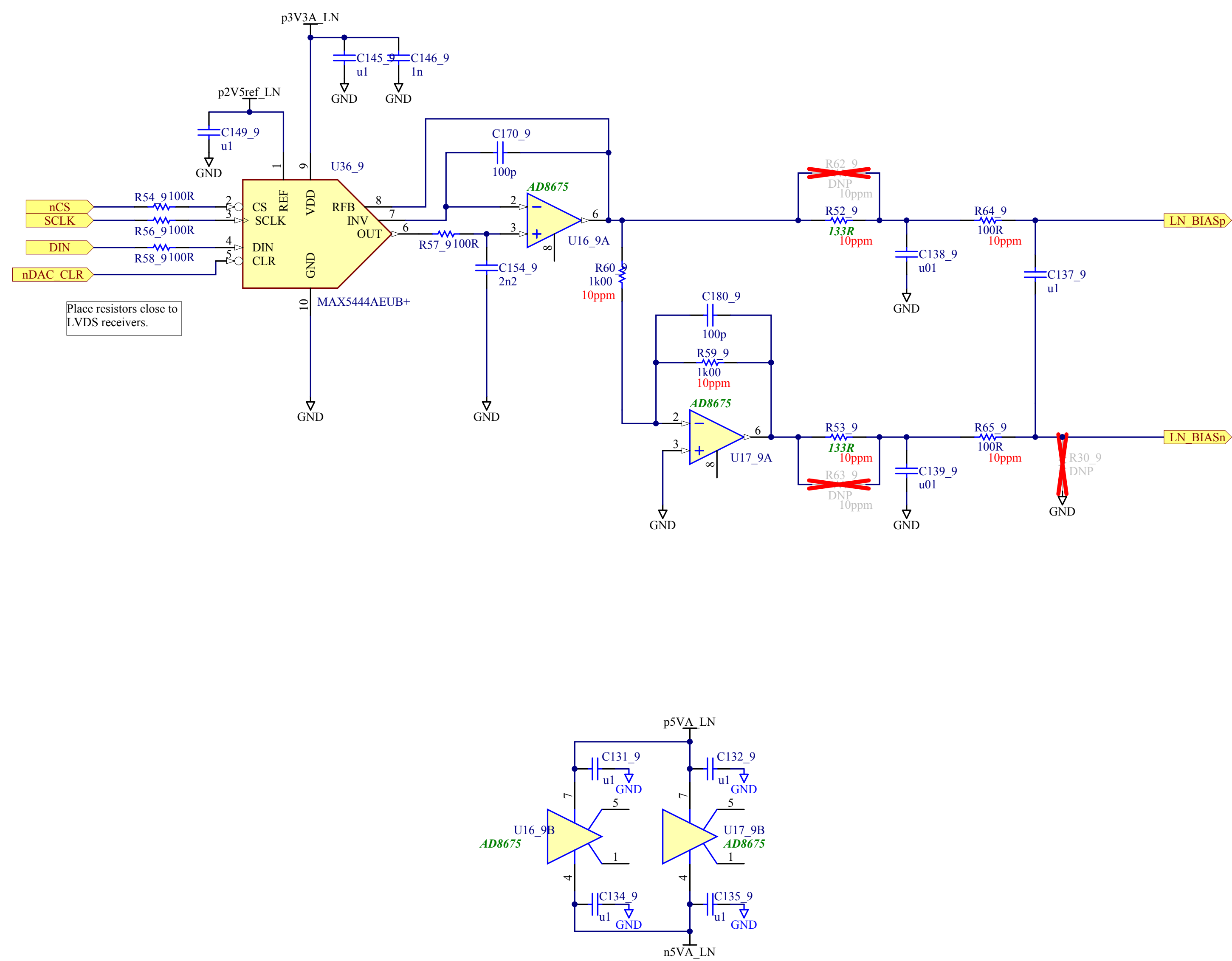










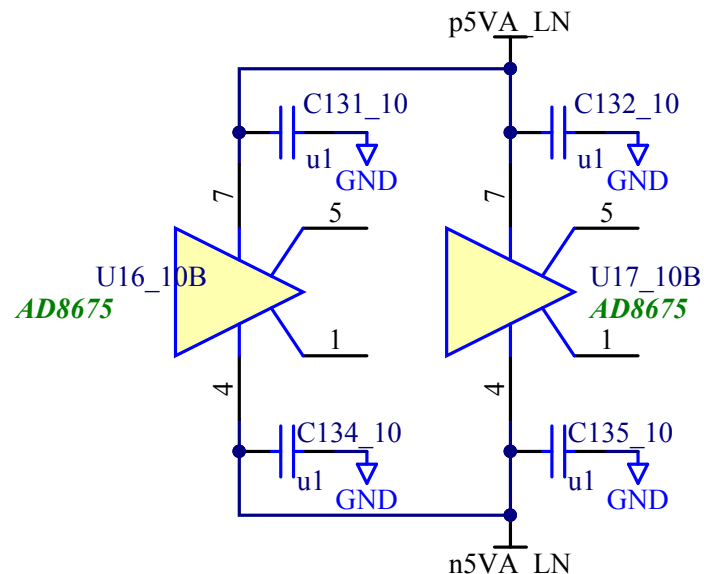


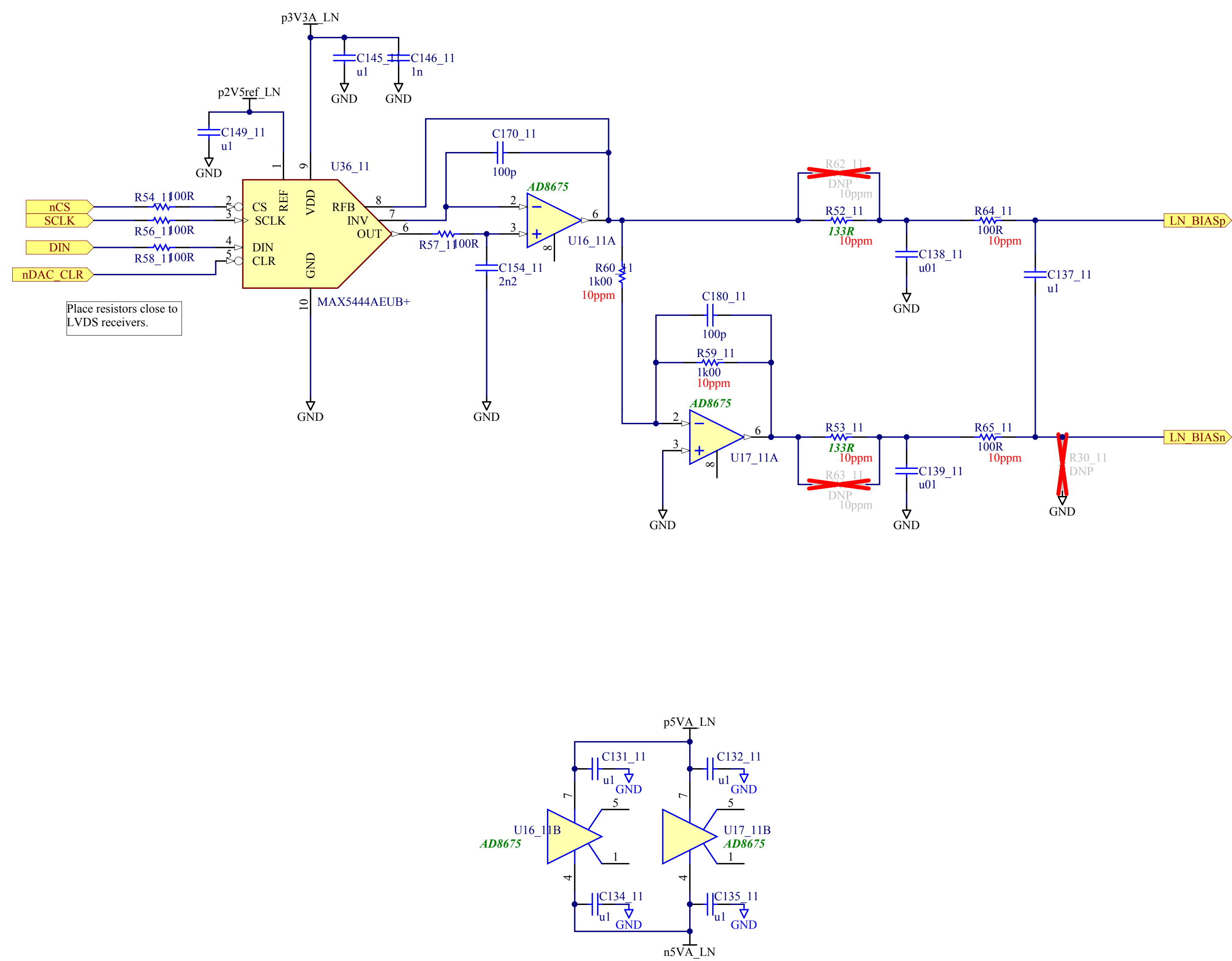
A

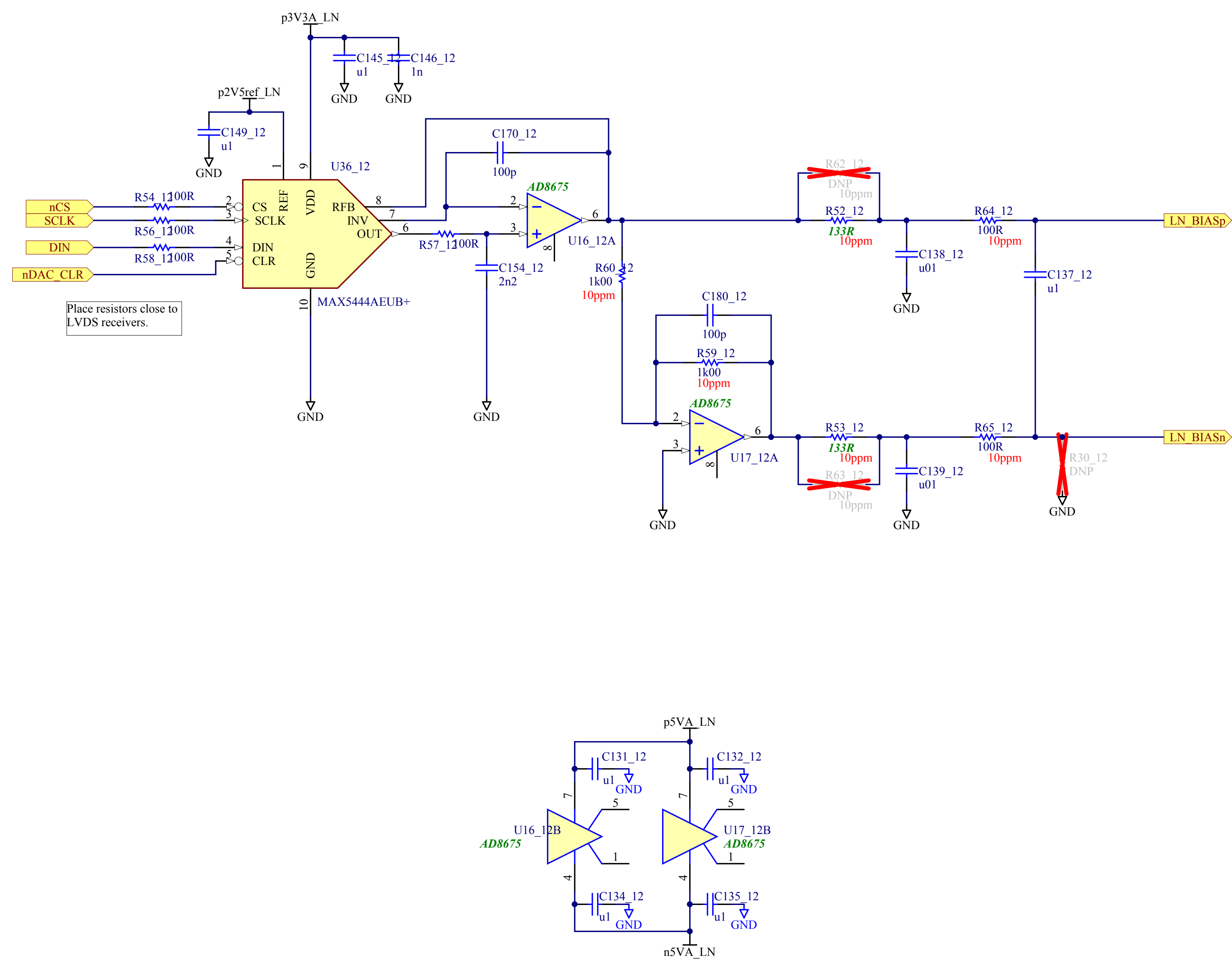
B

C

D





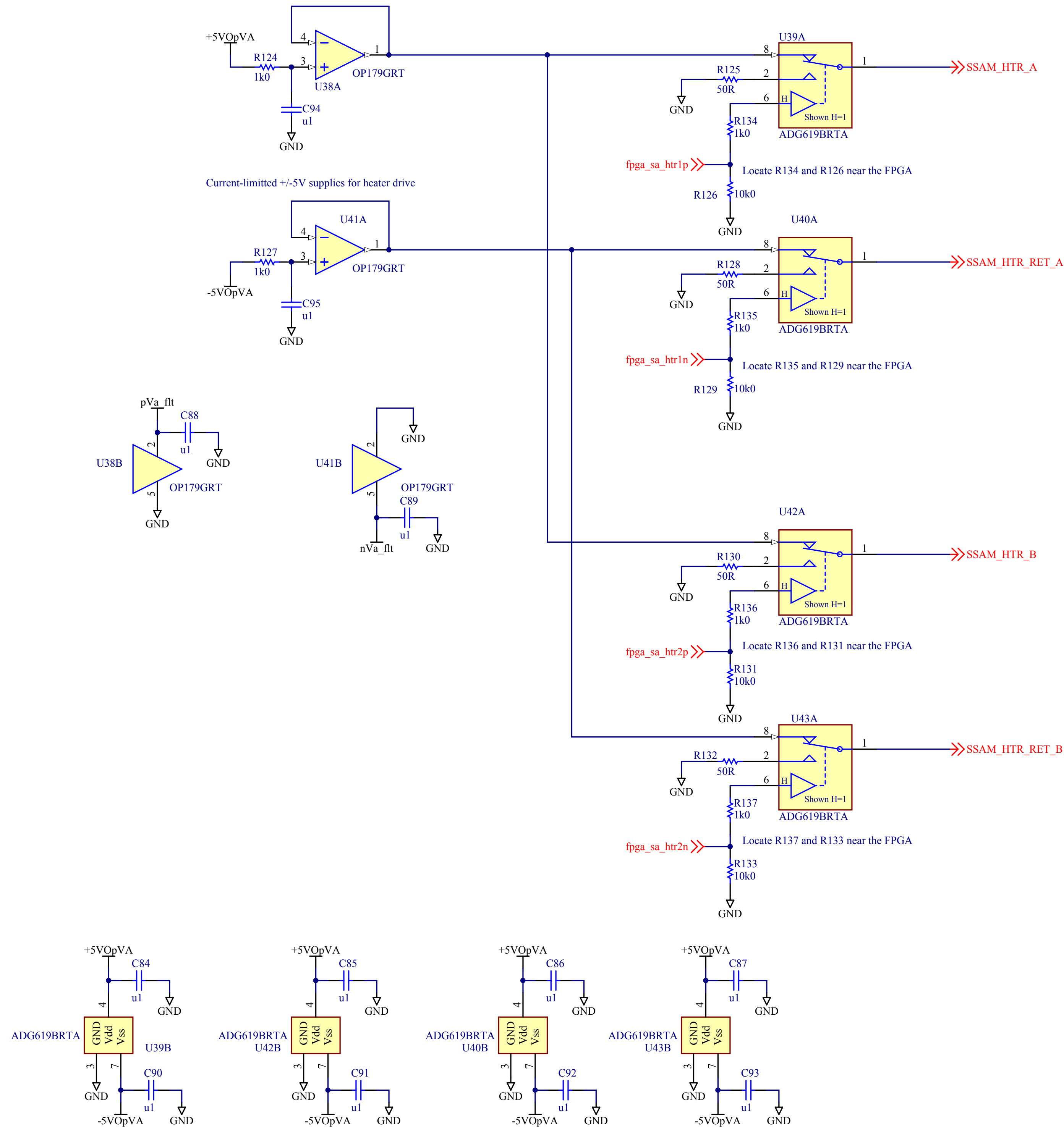


A

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)

Mech 11

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:

Mech 16

- 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: C	Number: ELE-C583-101	Revision: Rev F6			
Date: 8/15/2012	Time: 7:54:46 AM	Sheet 11 of 12			
File: BC MechanicalSchDoc					