

Title		
Size	Number	Revision
A4		
Date:	9-22-2024	Sheet of
File:	C:\UMSAE Electric\7a - Controller.Sch	Drawn By:

1

2

3

4

A

A

B

B

C

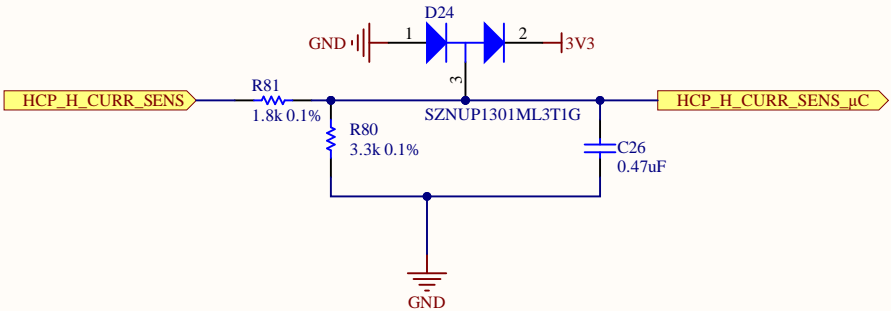
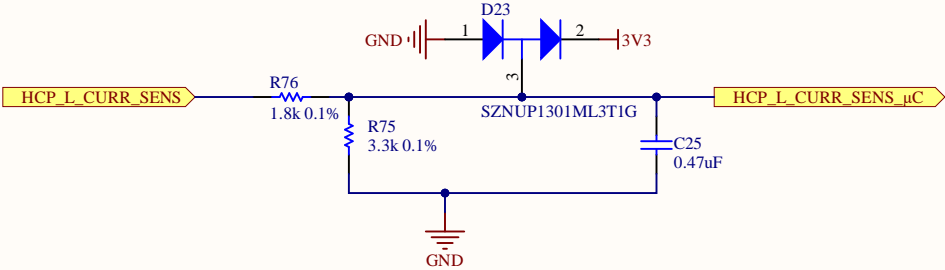
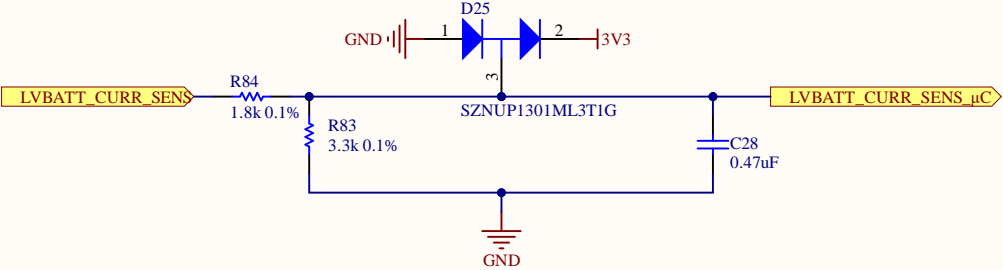
C

D

D

THESE ARE ALL 5V INPUT SIGNALS

THESE ARE ALL 3V3



Title		
Size	Number	Revision
A4		
Date:	9-22-2024	Sheet of
File:	C:\UMSAE Electric\...\7b - Voltage Protection\...	10 of 10

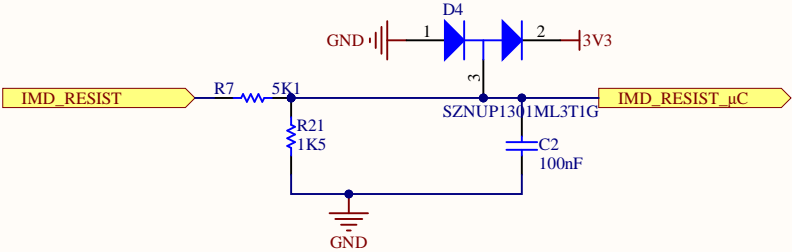
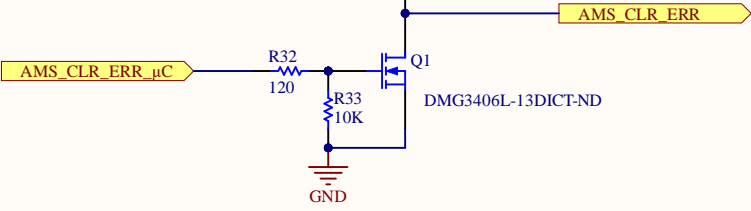
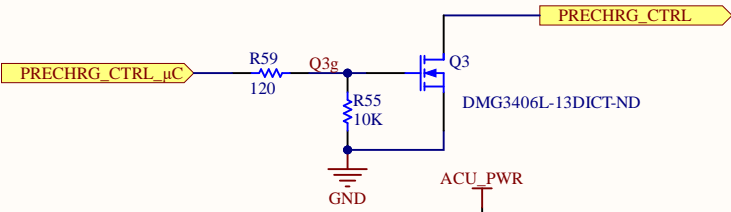
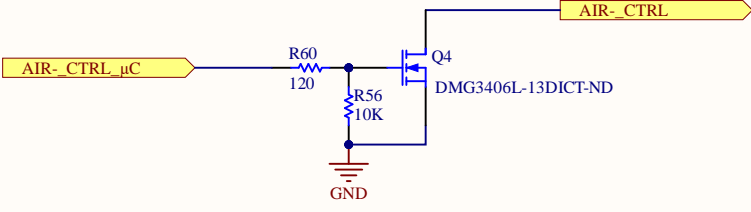
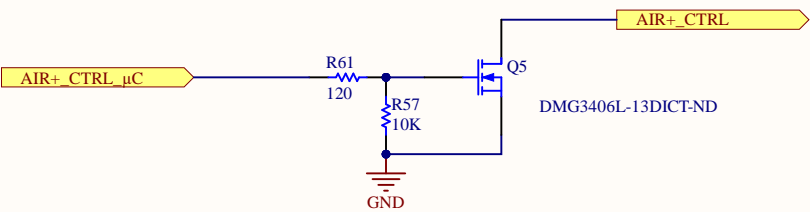
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2

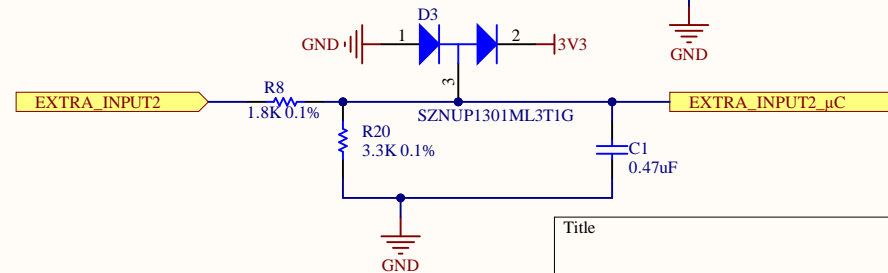
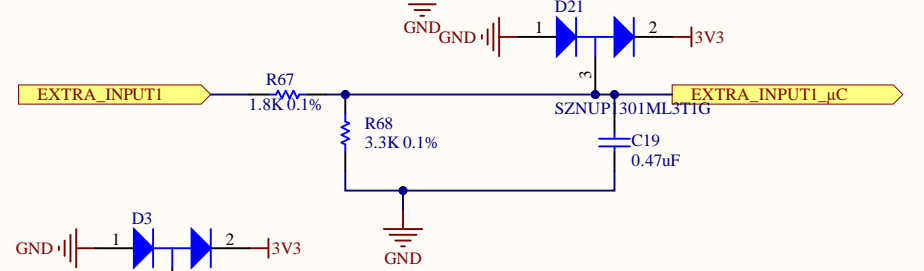
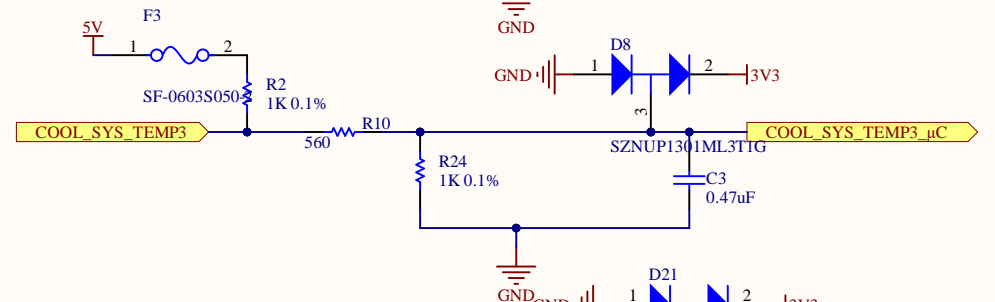
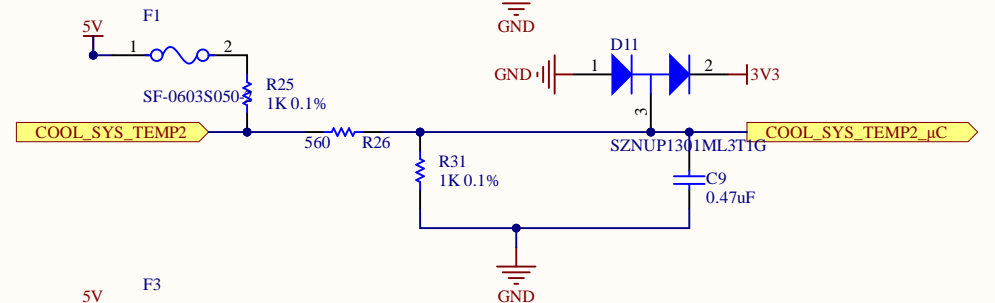
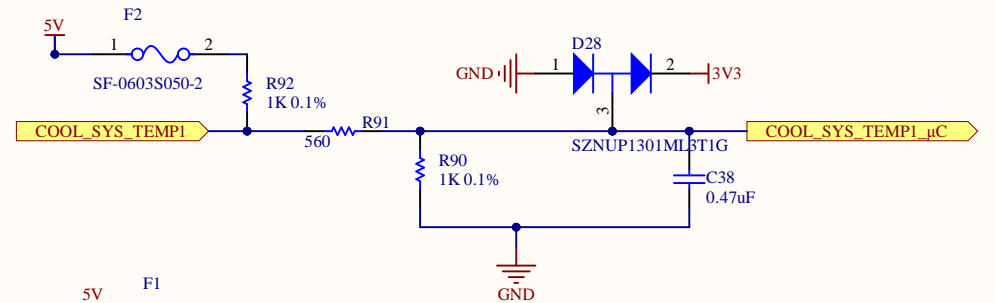
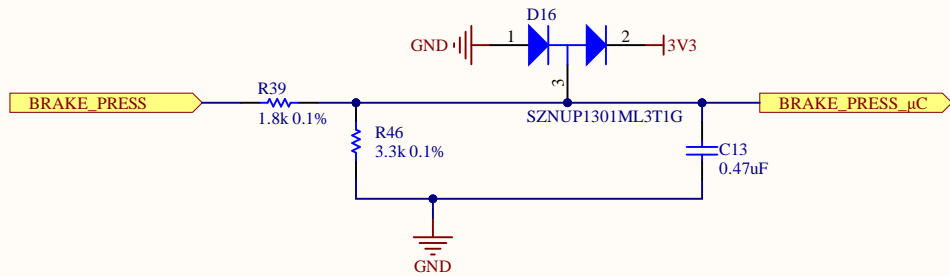
3

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All these should be kept close to wherever the Fatty connector goes



Title		
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A4		
Date:	9-22-2024	Sheet of
File:	C:\UMSAE Electric\...\7c - FET Controls	Drawn By:



Title		
Size	Number	Revision
A4		
Date:	9-22-2024	Sheet of
File:	C:\UMSAE Electric\...\7d - Sensors.SchDp Drawn By:	

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A

A

B

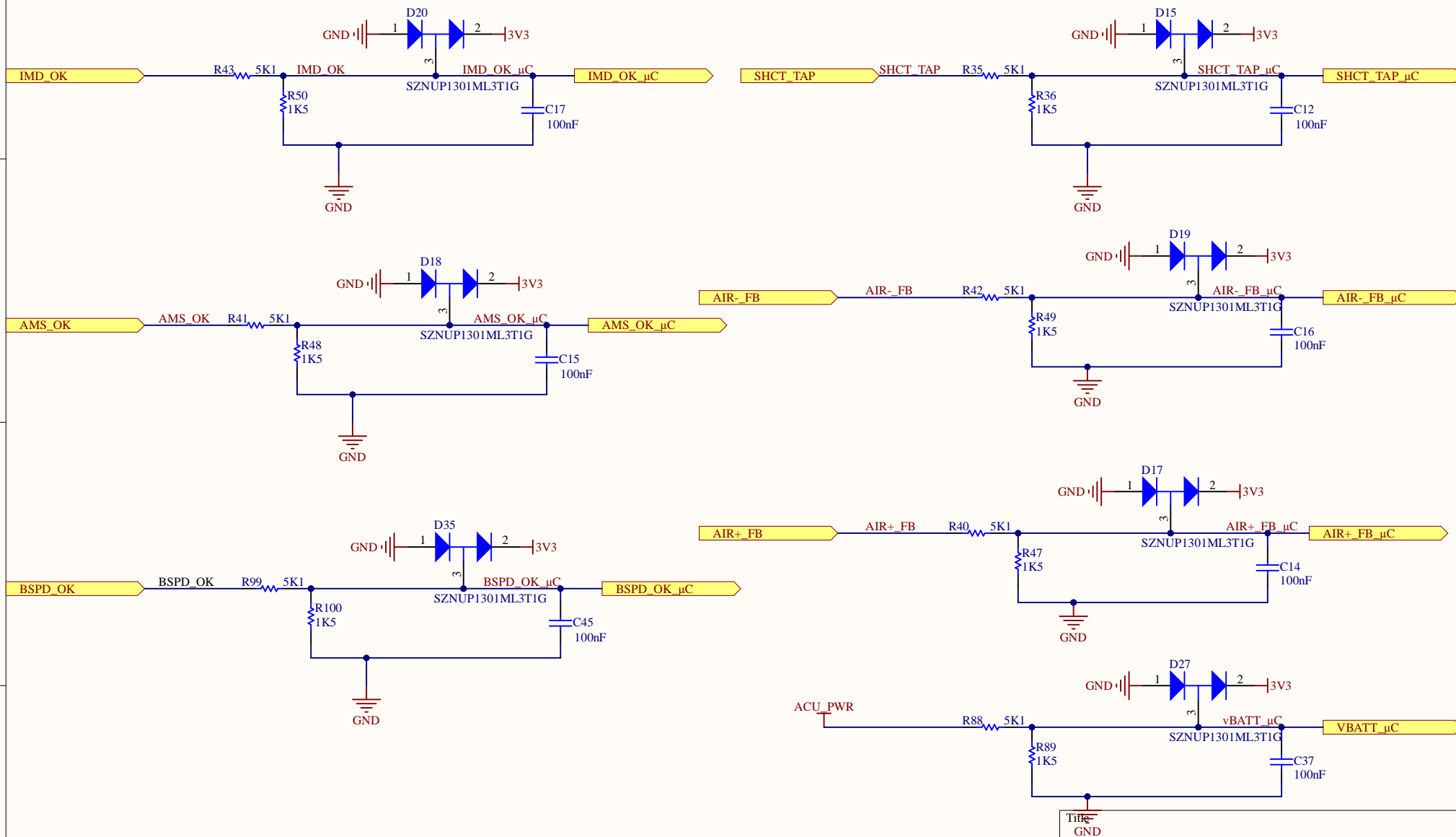
B

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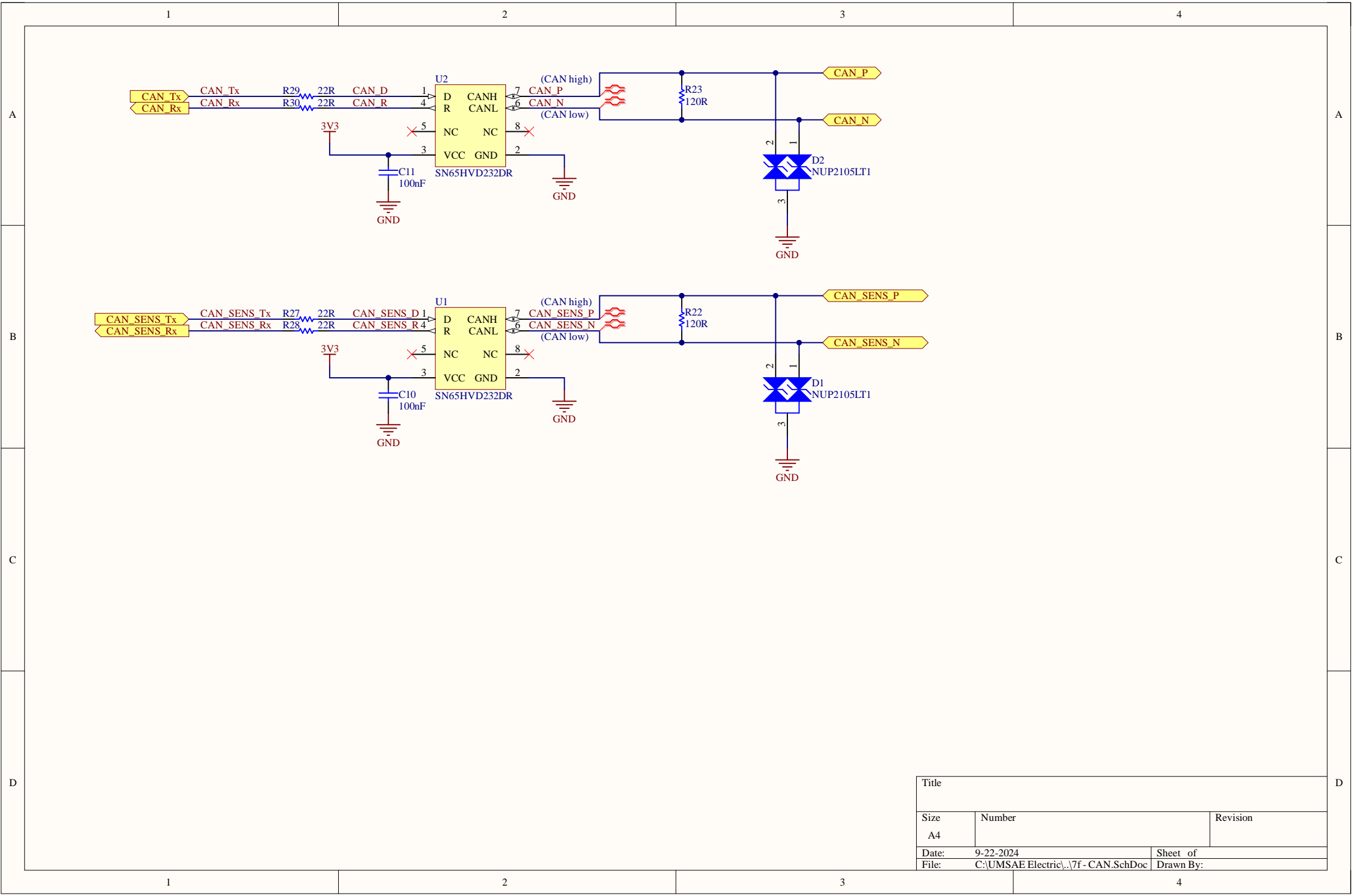
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Size	Number	Revision
A4		
Date:	9-22-2024	Sheet of
File:	C:\UMSAE Electric\...\7e - VBATT Stepper Driver	DocuSchDoc

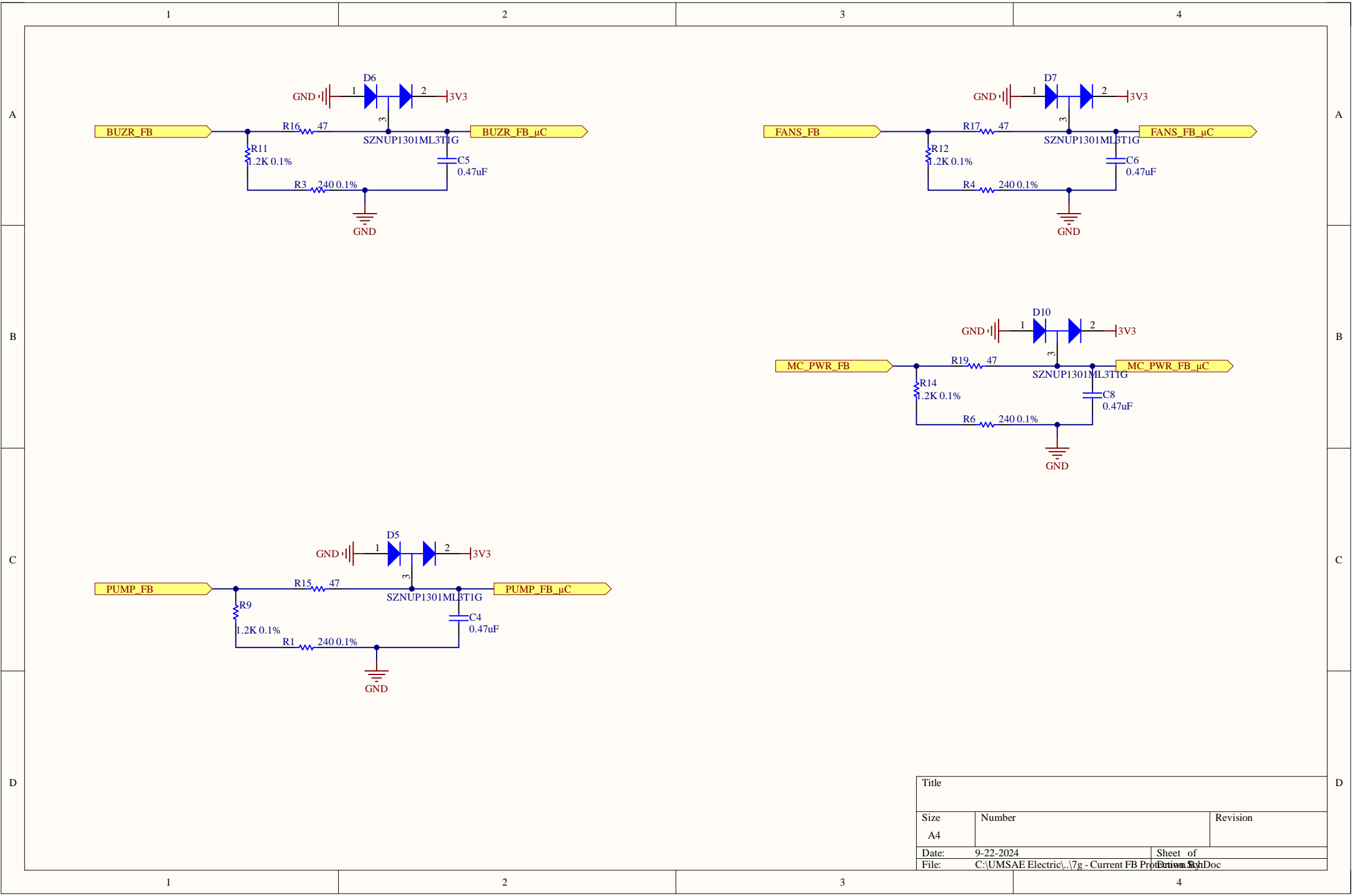
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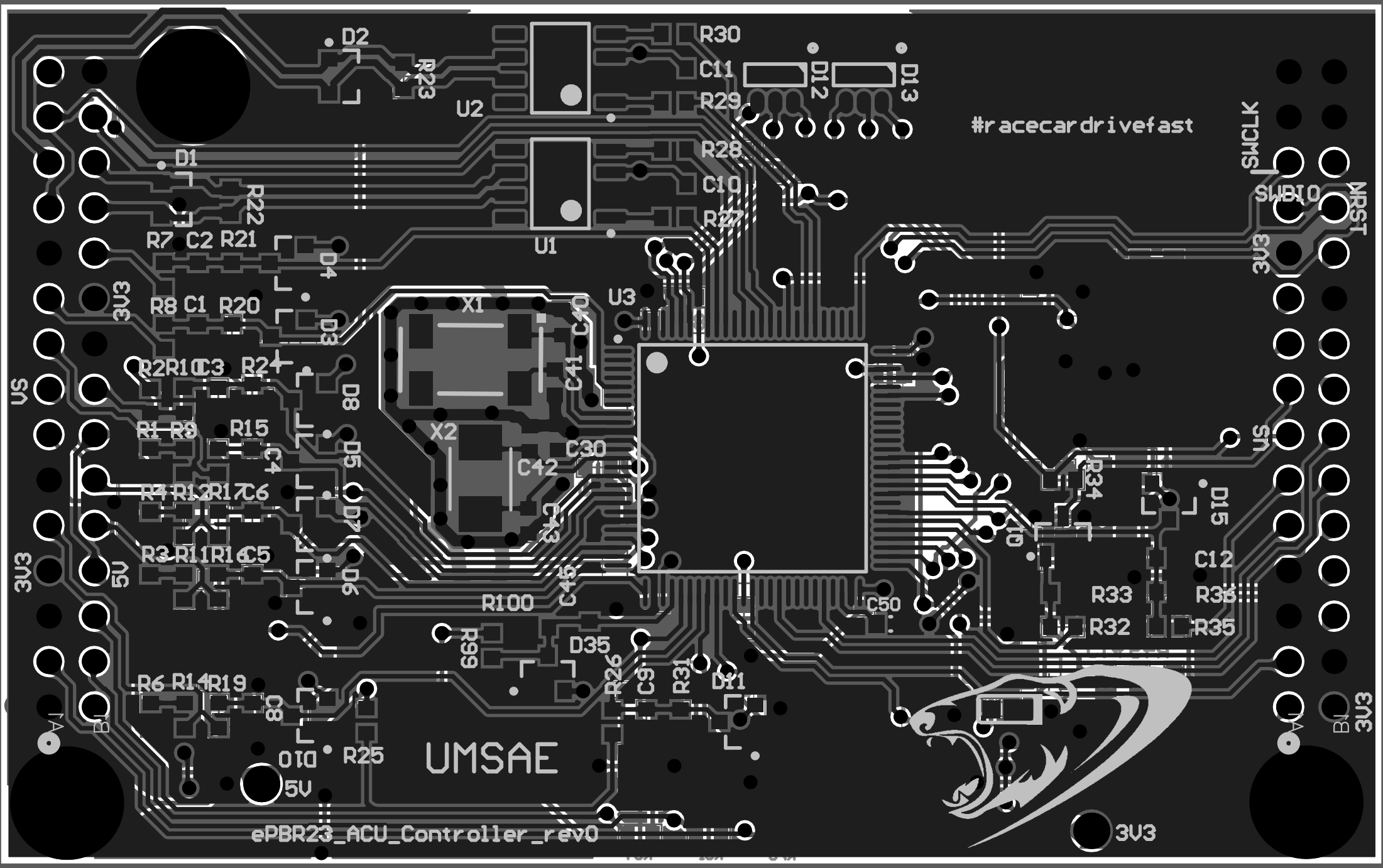
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3

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#racecar drive fast

UMSAE

ePBR23_ACU_Controller_rev0

