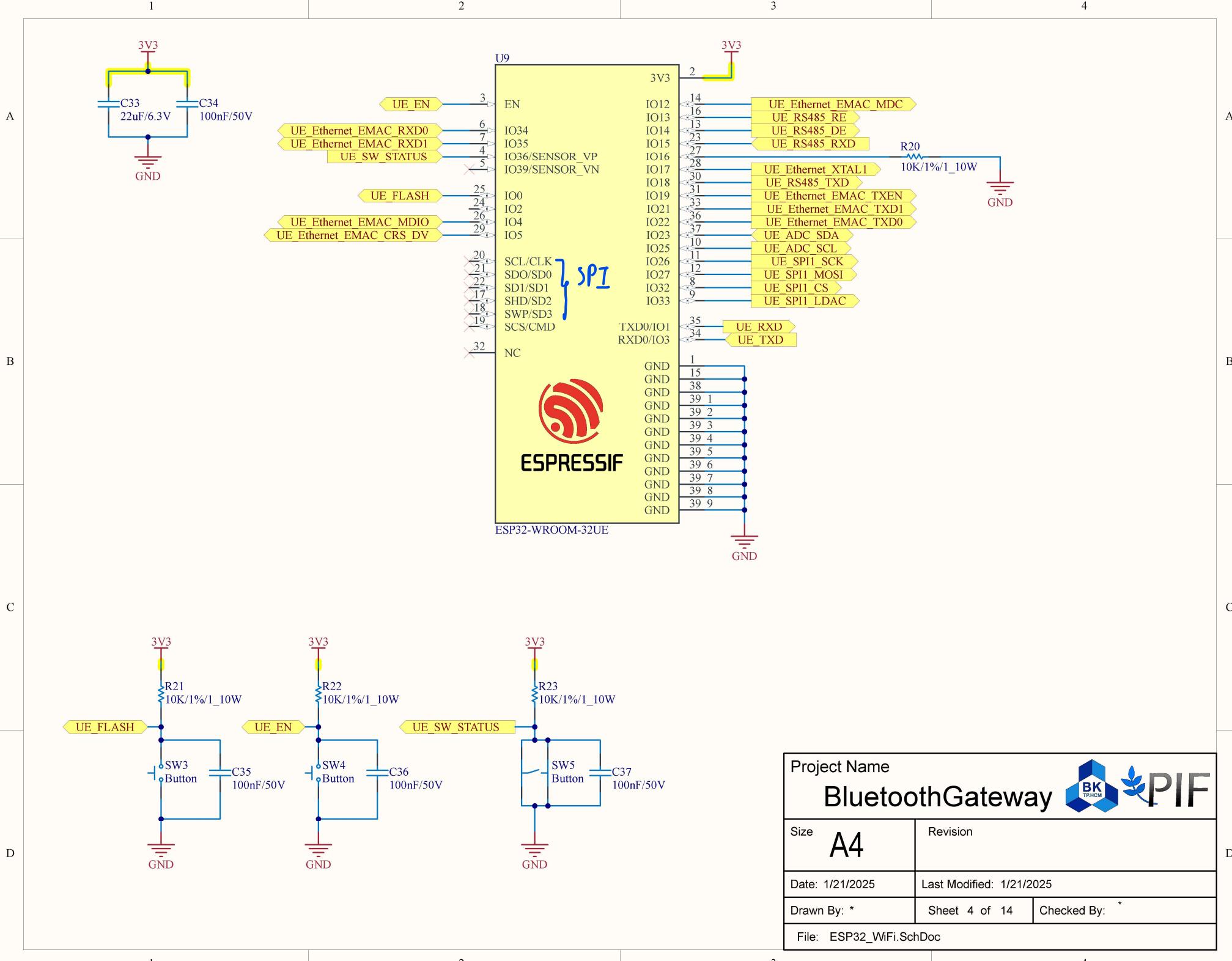
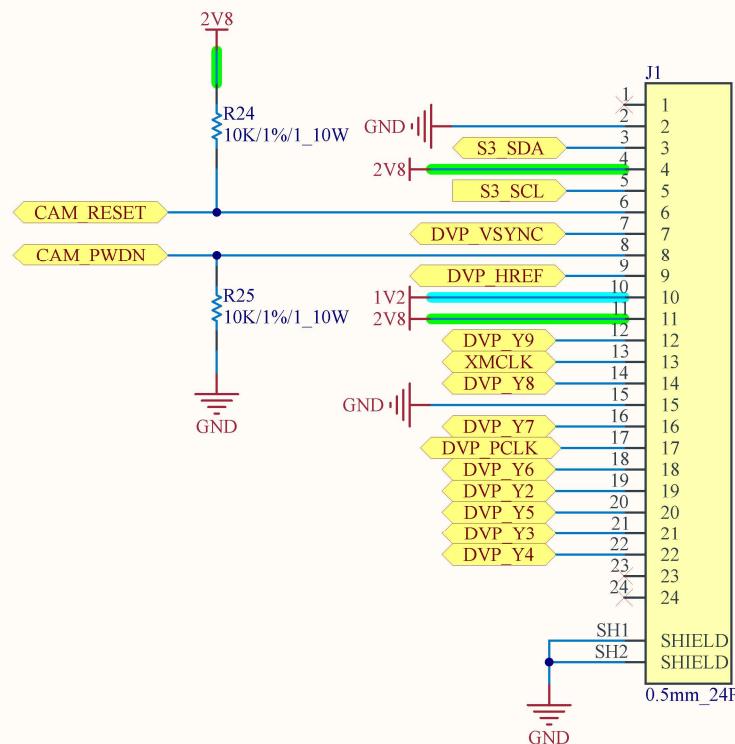


Project Name		 
<h1>BluetoothGateway</h1>		
Size	A4	Revision
Date:	1/21/2025	Last Modified: 1/21/2025
Drawn By:	* Sheet 3 of 14	Checked By: *
File: ESP32_BLE.SchDoc		



A

A



B

B

C

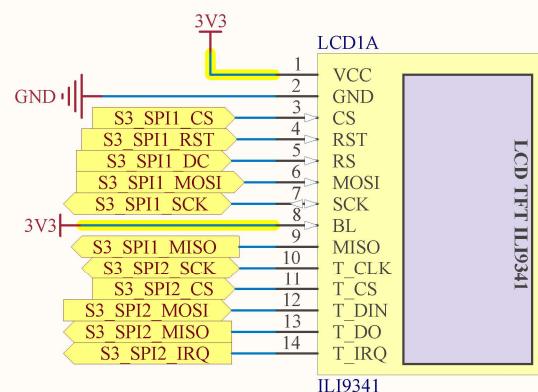
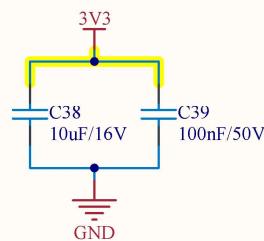
C

D

D

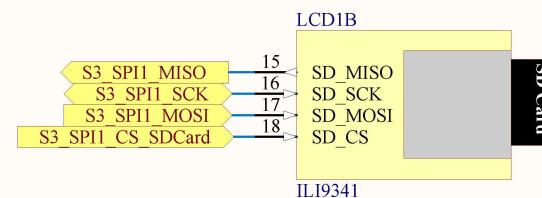
Project Name	
<b>BluetoothGateway</b>	
Size	Revision
<b>A4</b>	
Date: 1/21/2025	Last Modified: 1/21/2025
Drawn By: *	Sheet 5 of 14
	Checked By: *
File: Camera.SchDoc	

A



B

A



C

B

C

D

Project Name

BluetoothGateway



Size

A4

Revision

Date: 1/21/2025

Last Modified: 1/21/2025

Drawn By: \*

Sheet 6 of 14

Checked By: \*

File: Display.SchDoc

A

A

B

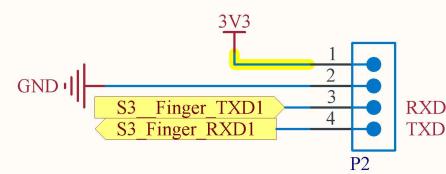
B

C

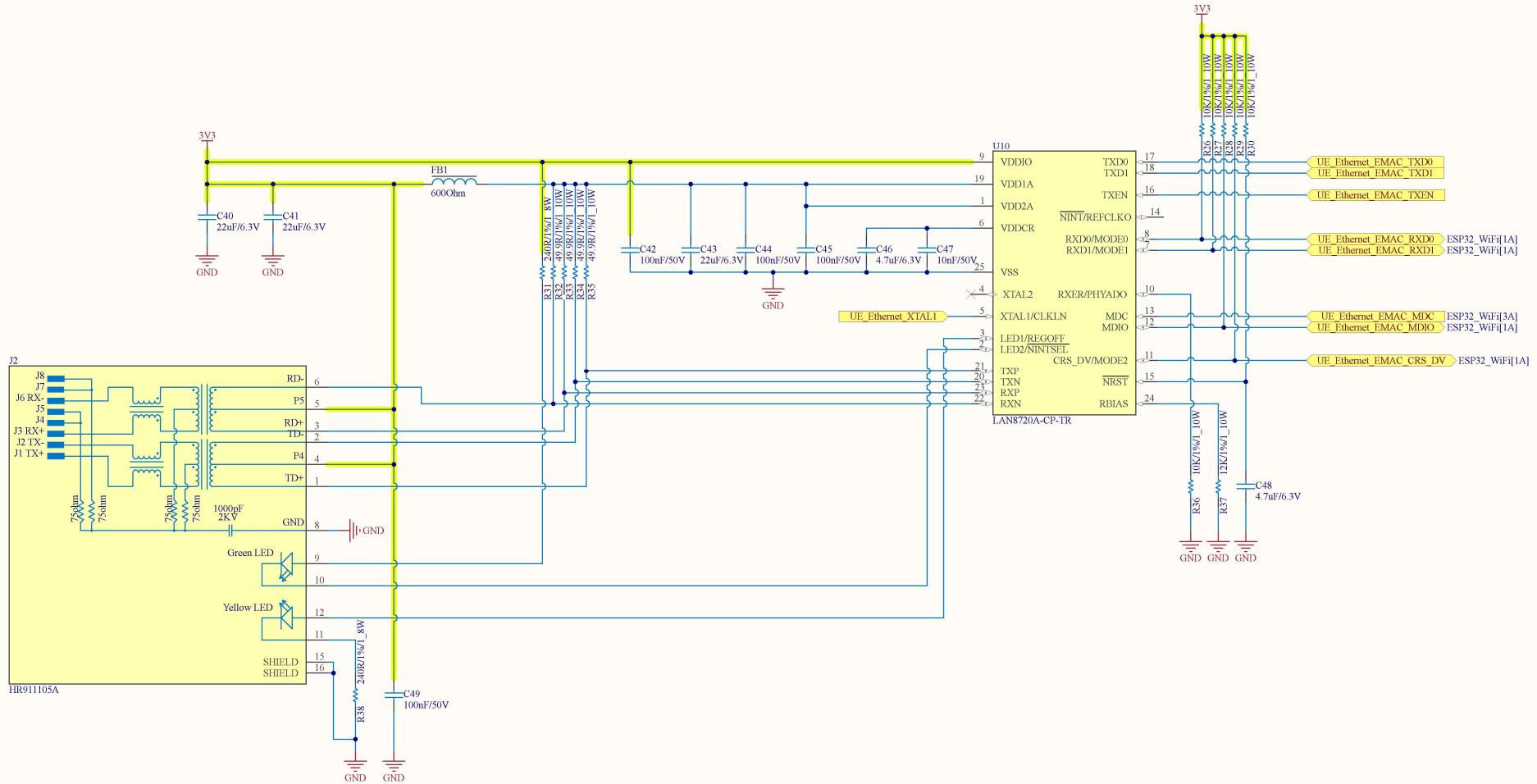
C

D

D



Project Name	
BluetoothGateway  	
Size	Revision
A4	
Date: 1/21/2025	Last Modified: 1/21/2025
Drawn By: *	Sheet 7 of 14
Checked By: *	
File: FingerPrint.SchDoc	



Project Name <b>BluetoothGateway</b>		 
Size	A3	Revision
Date:	1/21/2025	Last Modified: 1/21/2025
Drawn By:	Sheet 8 of 14	Checked By:
File:	Ethernet SchDoc	

A

B

C

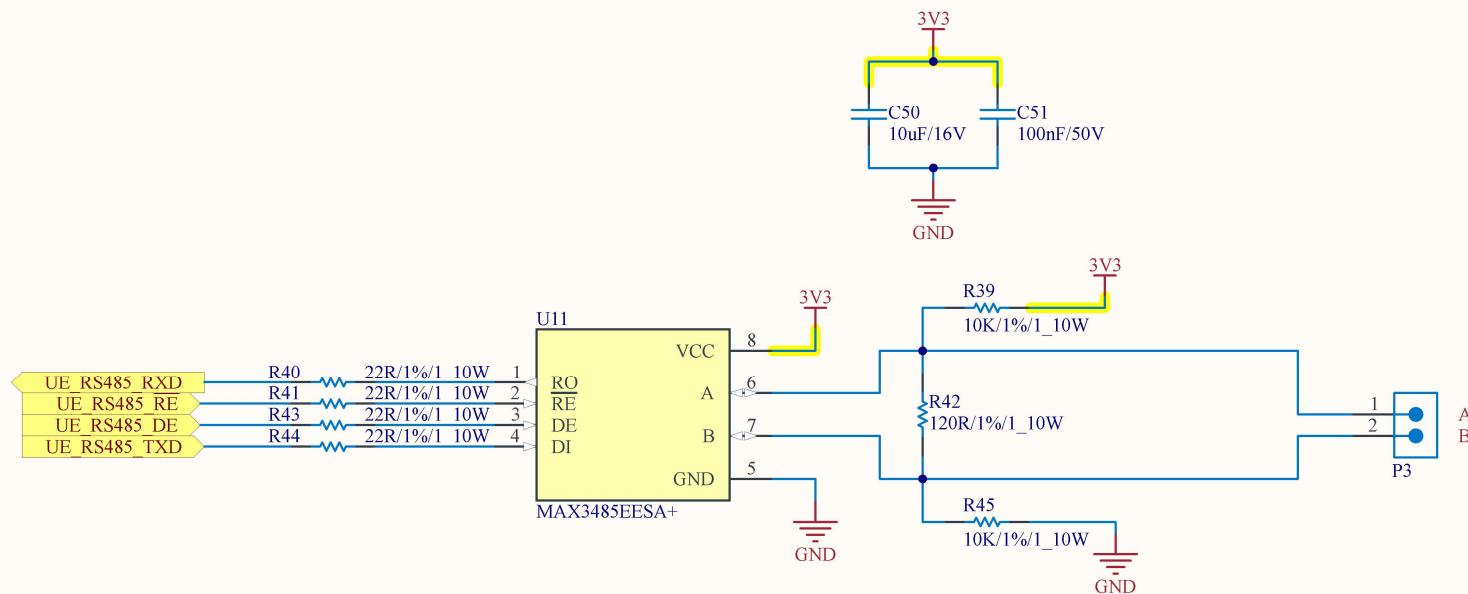
D

A

B

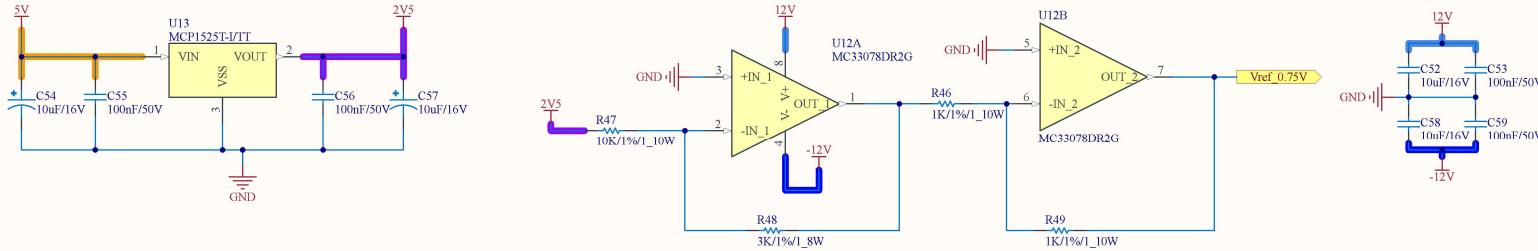
C

D

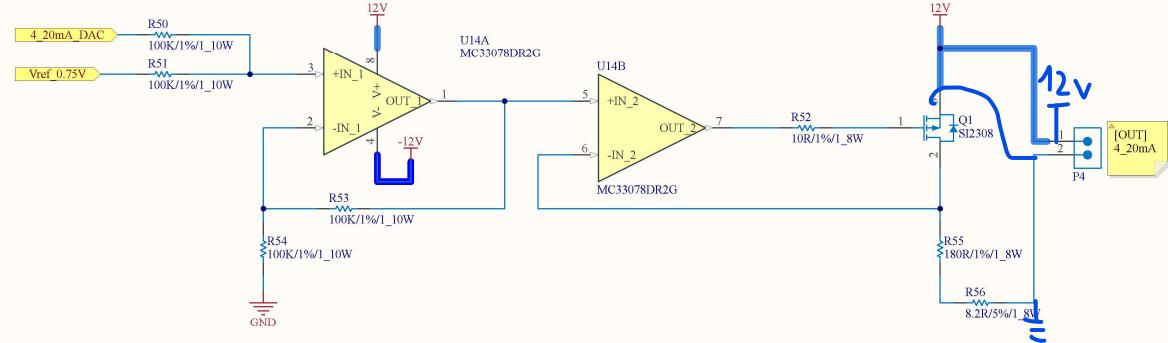


Project Name	
<b>BluetoothGateway</b>  	
Size	Revision
<b>A4</b>	
Date: 1/21/2025	Last Modified: 1/21/2025
Drawn By: *	Sheet 9 of 14
Checked By: *	
File: UART_RS485.SchDoc	

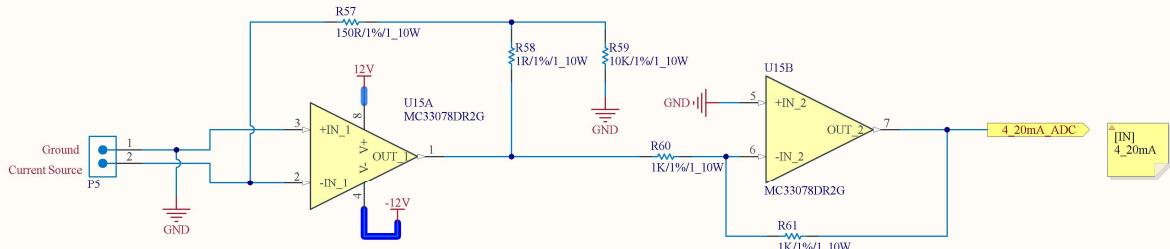
## CREATE VREF 0.75V



## 4-20mA OUTPUT

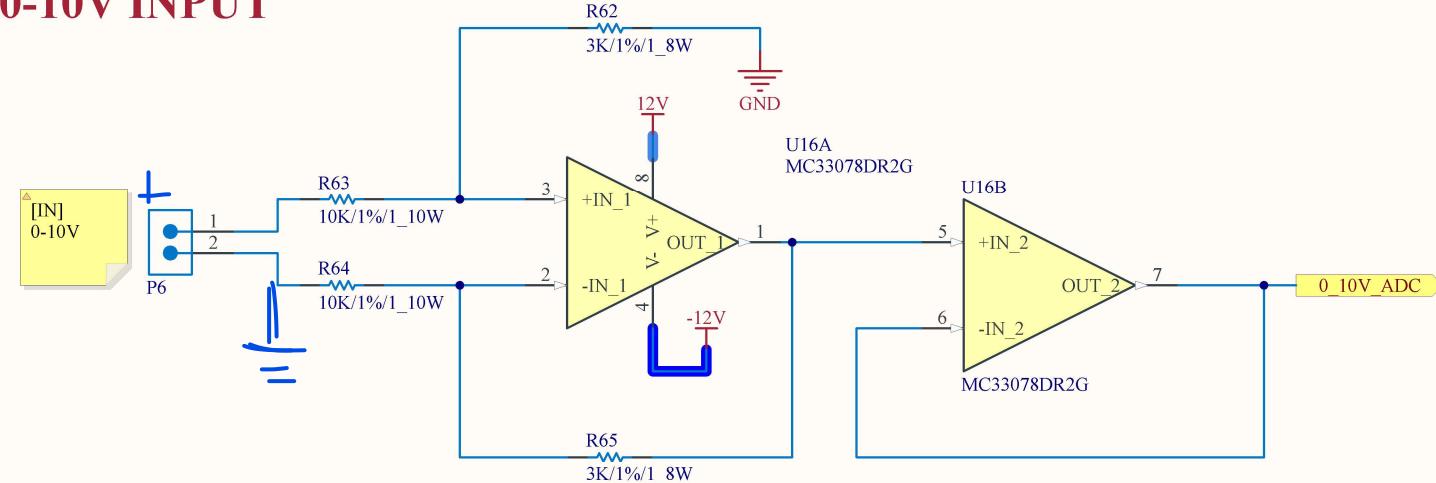


## 4-20mA INPUT

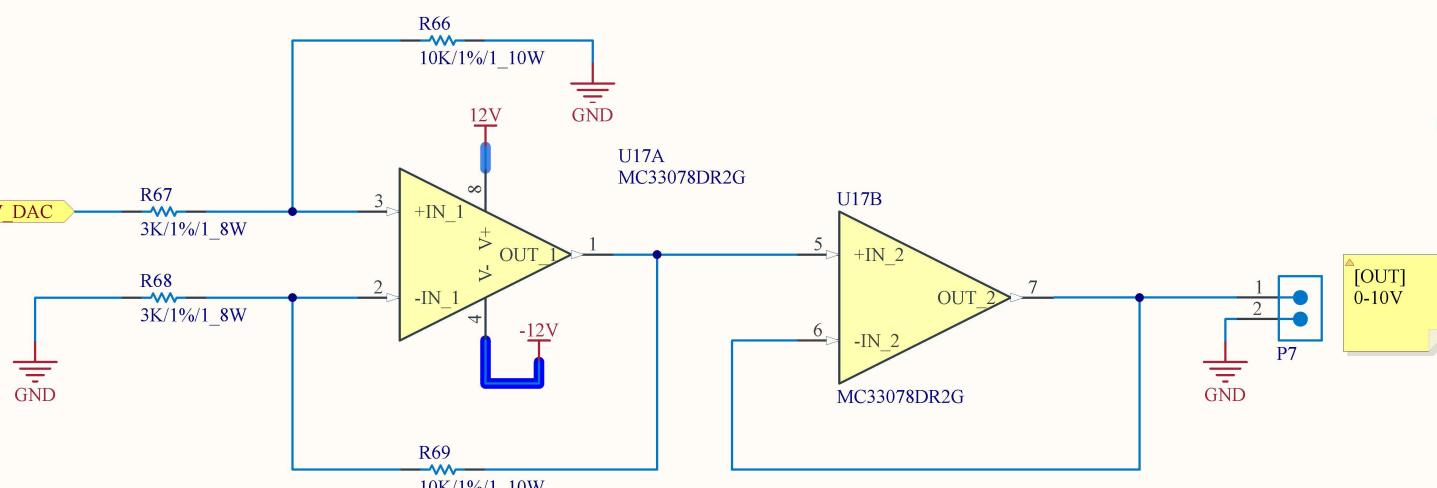


Project Name	
BluetoothGateway	
Size	Revision
A3	
Date: 1/21/2025	Last Modified: 1/21/2025
Drawn By: *	Sheet 10 of 14 Checked By: *
File: 4-20mA_Converter.SchDoc	

## 0-10V INPUT



## 0-10V OUTPUT



Project Name

BluetoothGateway



A4

Revision

Date: 1/21/2025

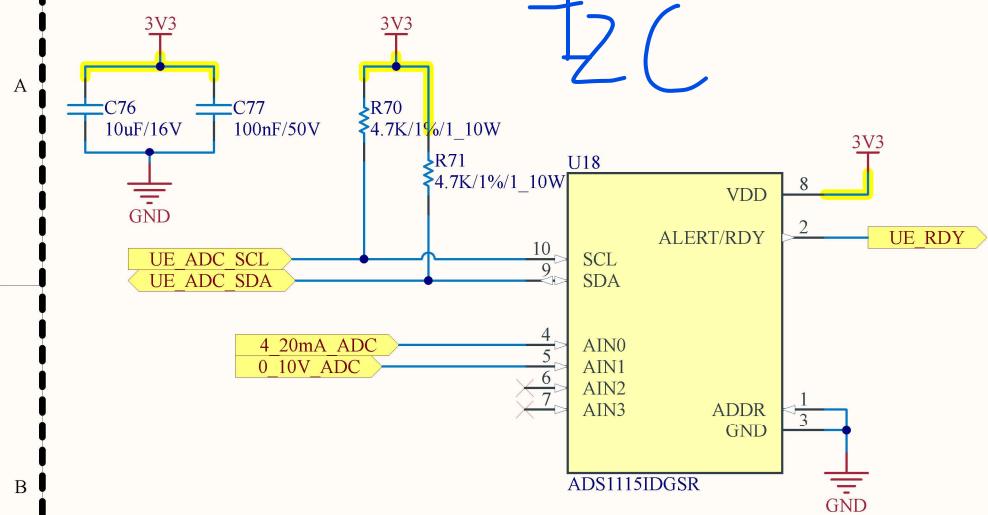
Last Modified: 1/21/2025

Drawn By: \*

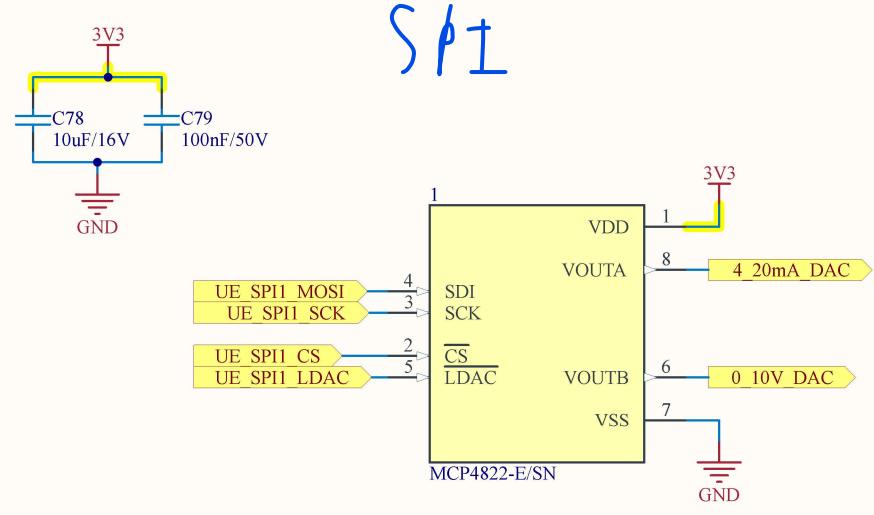
Sheet 11 of 14 | Checked By: \*

File: 0-10V\_Converter.SchDoc

## EXTERNAL ADC



## EXTERNAL DAC



Project Name

BluetoothGateway



Size

A4

Revision

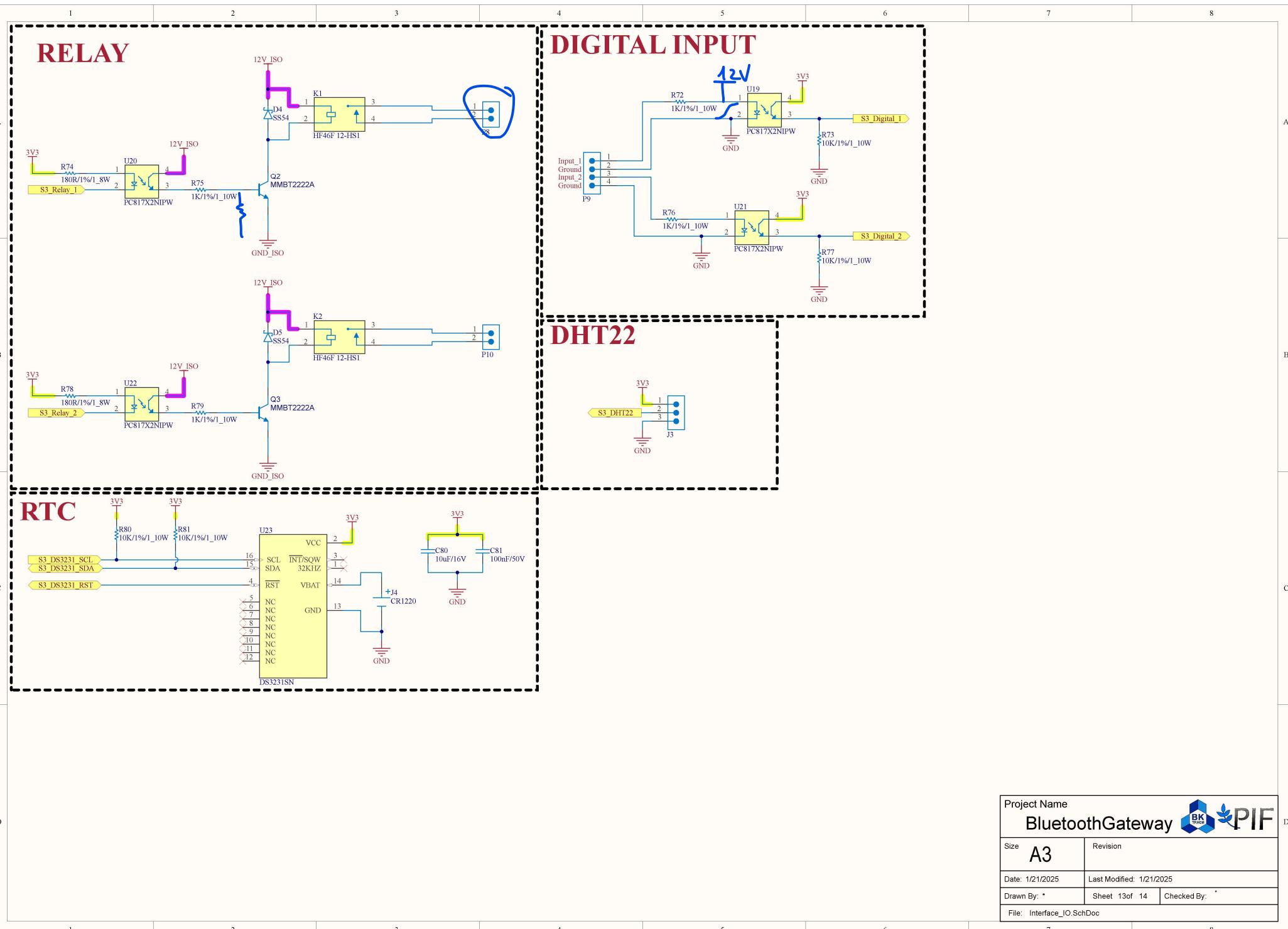
Date: 1/21/2025

Last Modified: 1/21/2025

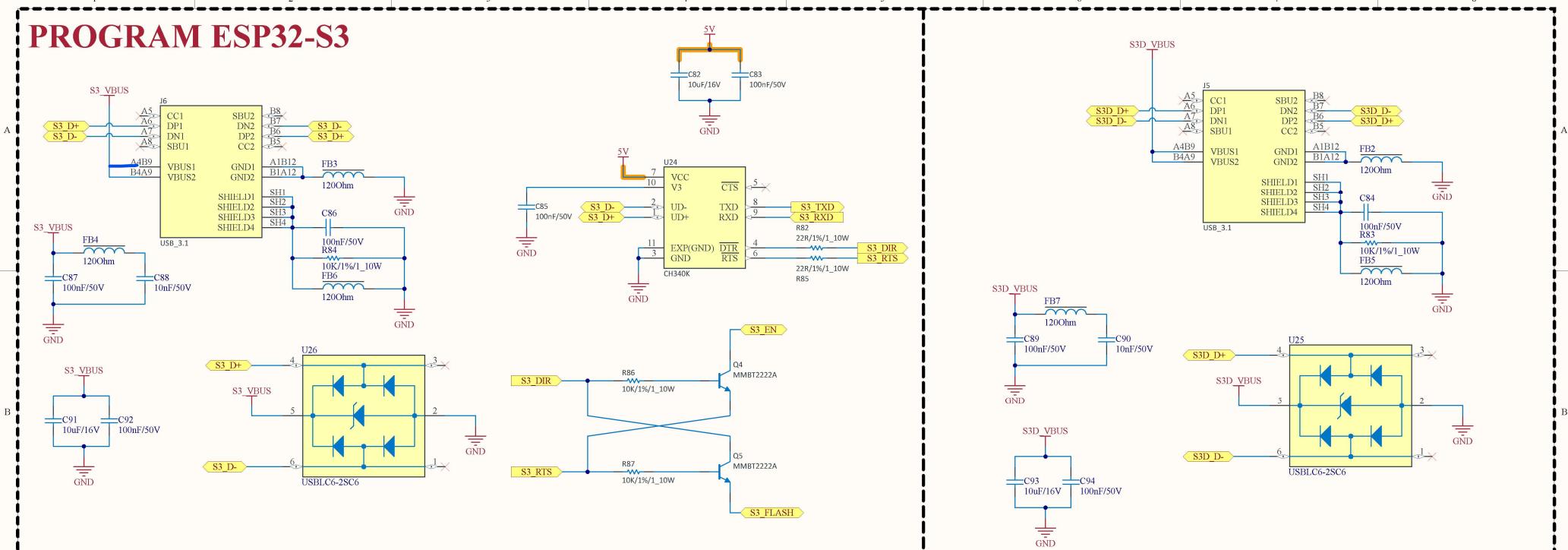
Drawn By: \*

Sheet 12 of 14 Checked By: \*

File: DAC\_ADC\_External.SchDoc



# PROGRAM ESP32-S3



# PROGRAM ESP32-WROOM-32UE

