

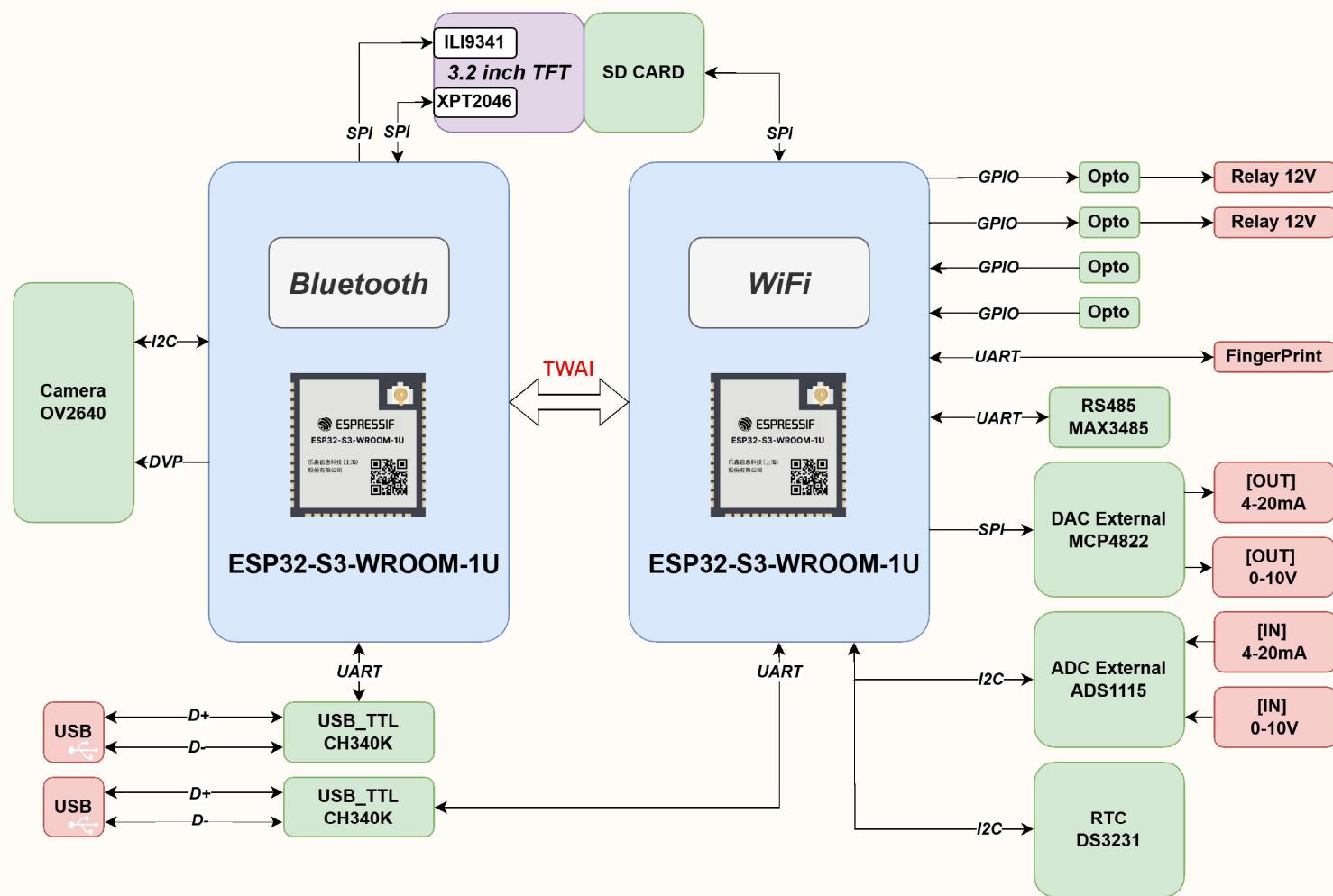
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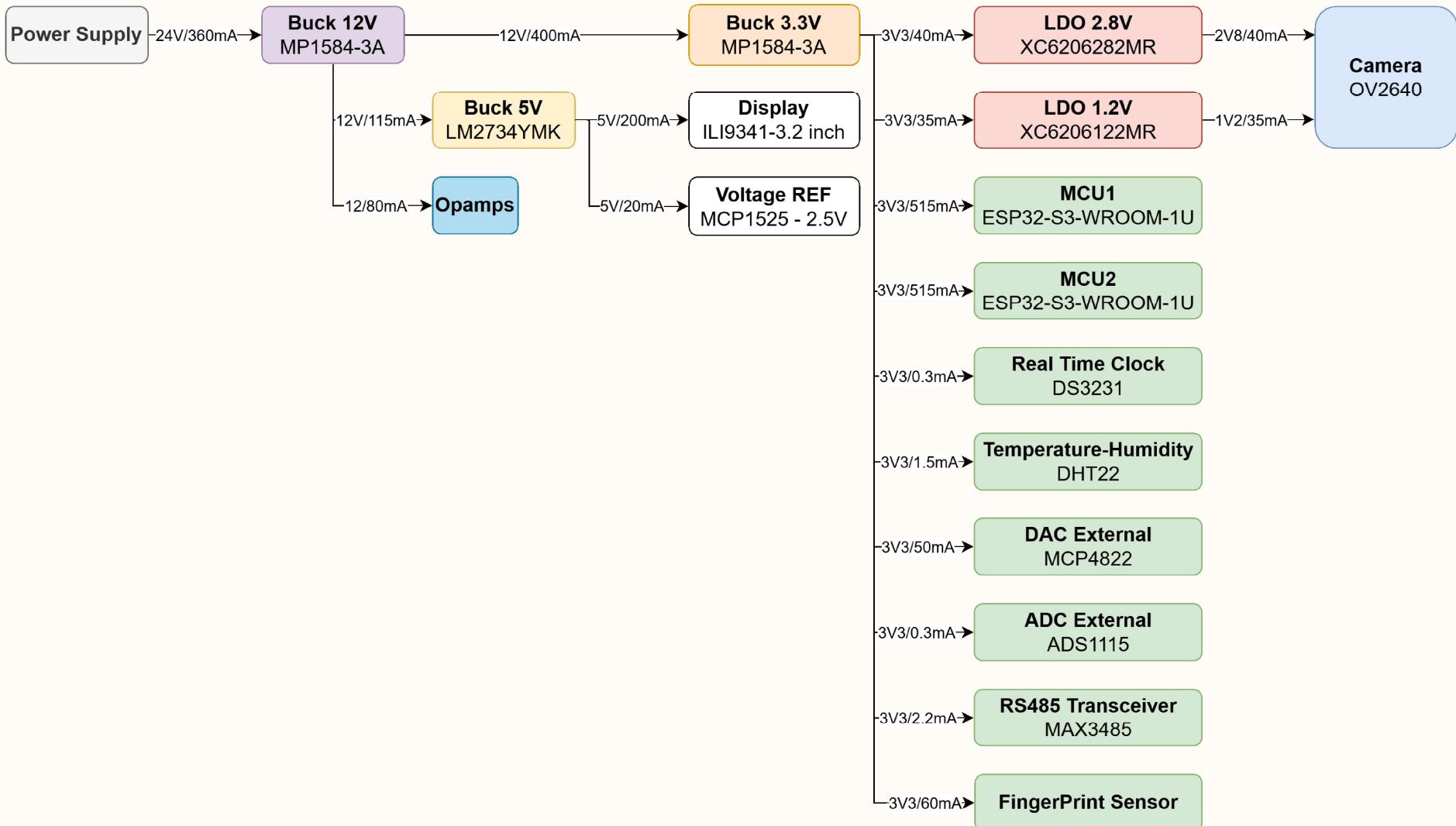
Bluetooth Gateway

Schematic V1.0.0

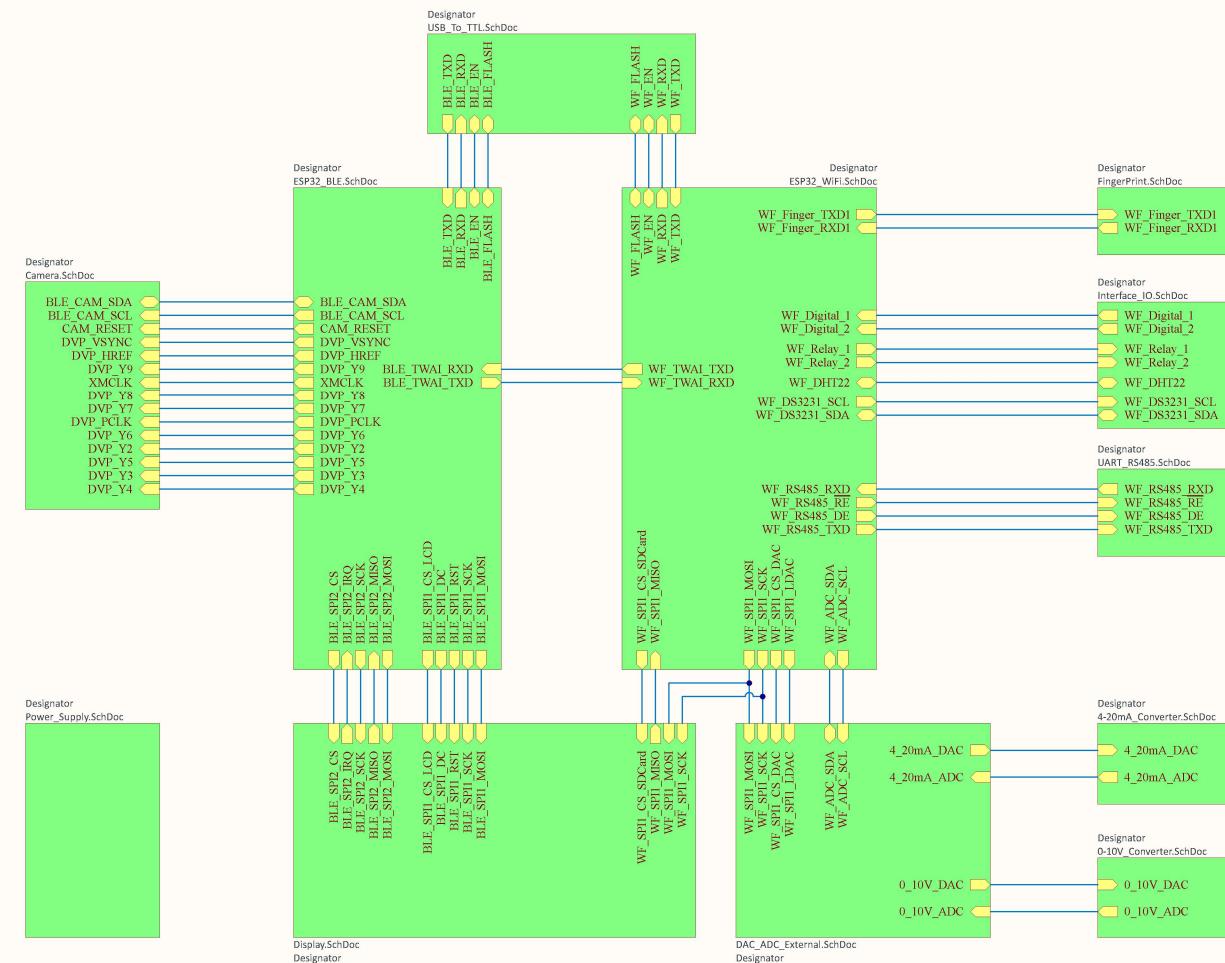
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BluetoothGateway 		
Size	Revision	
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Date: 1/25/2025	Last Modified: 1/25/2025	
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File: Index.SchDoc		



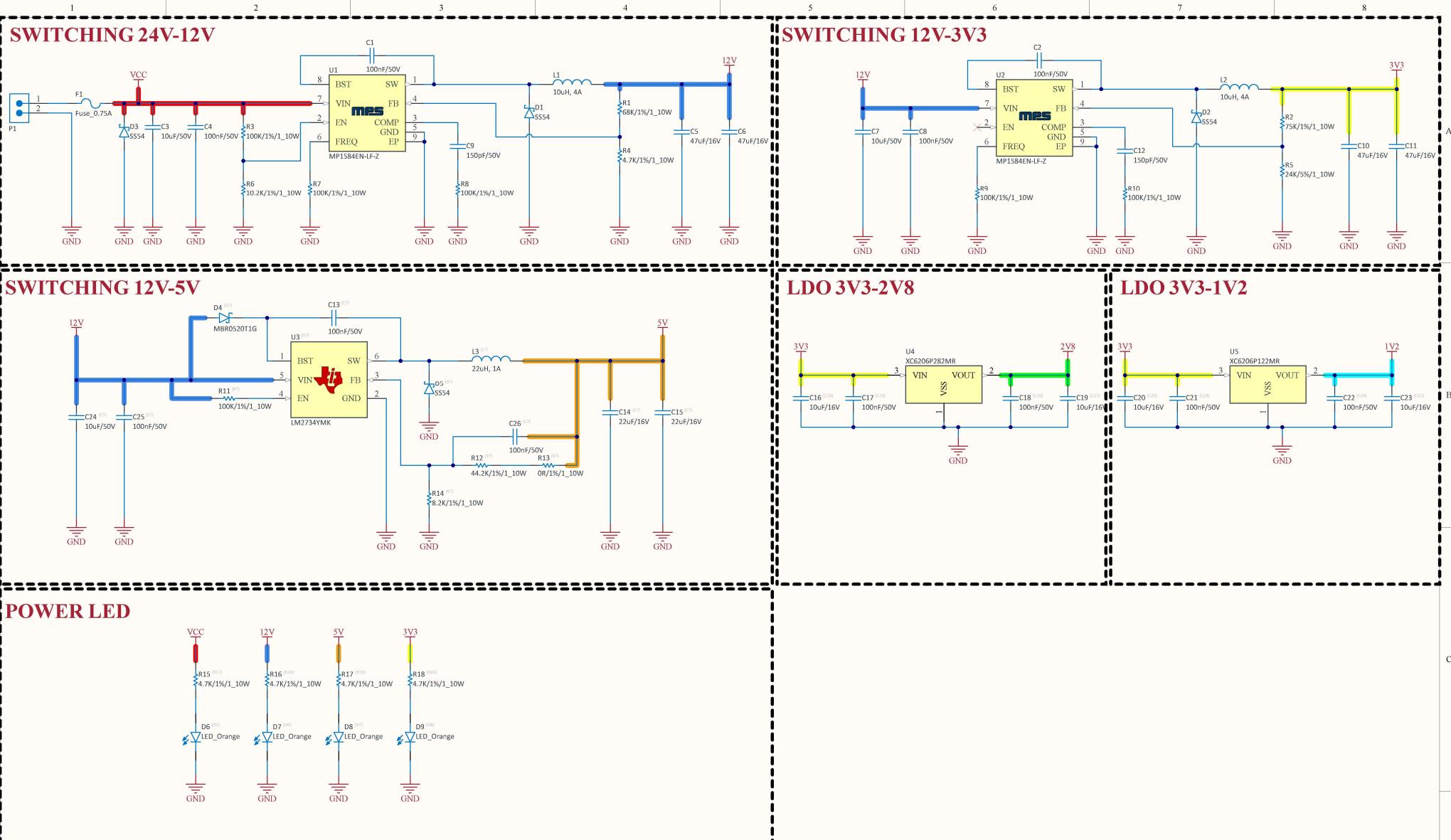
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A3	
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BluetoothGateway  PIF	
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A3	
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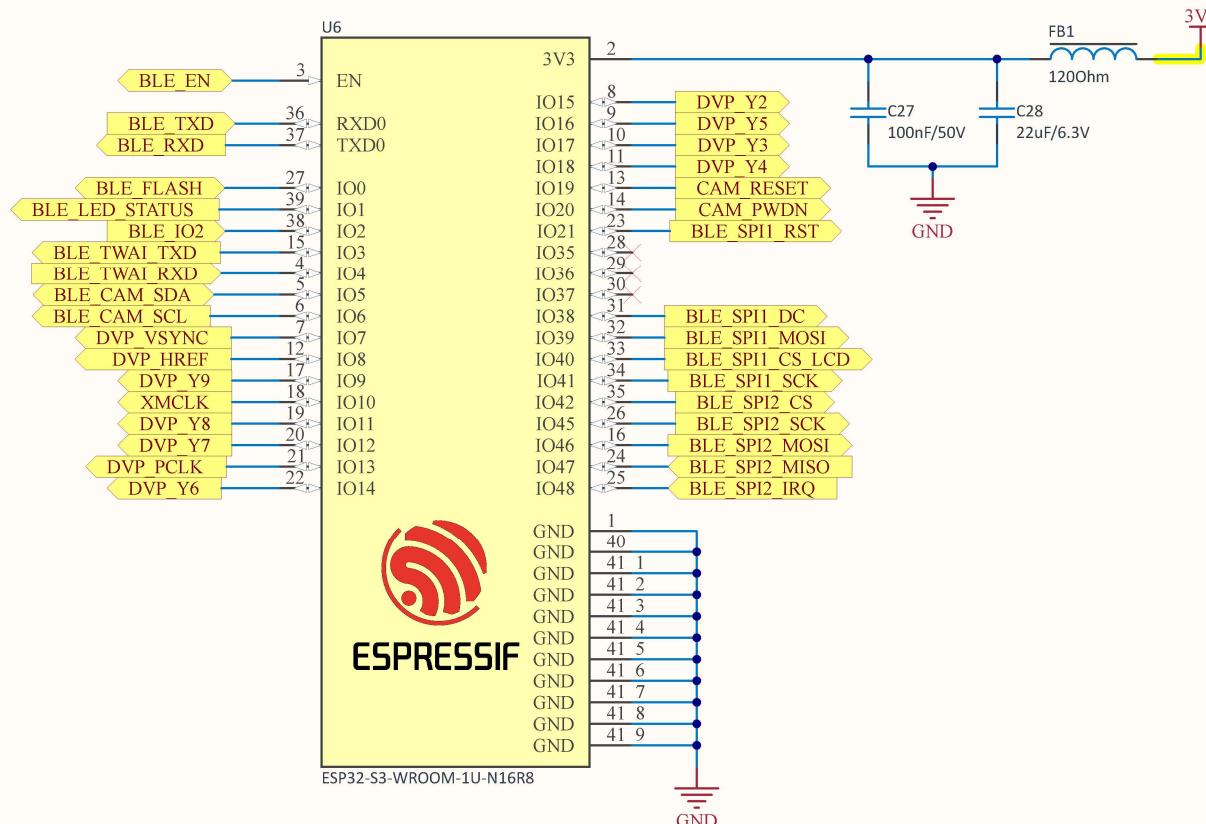
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BluetoothGateway	
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A3	
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File:	Power_Supply.SchDoc

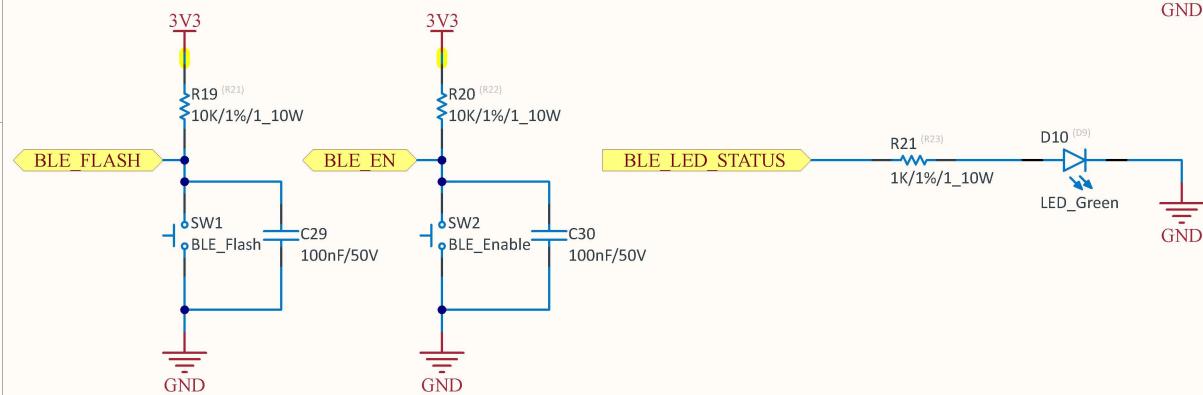
A

A



B

B

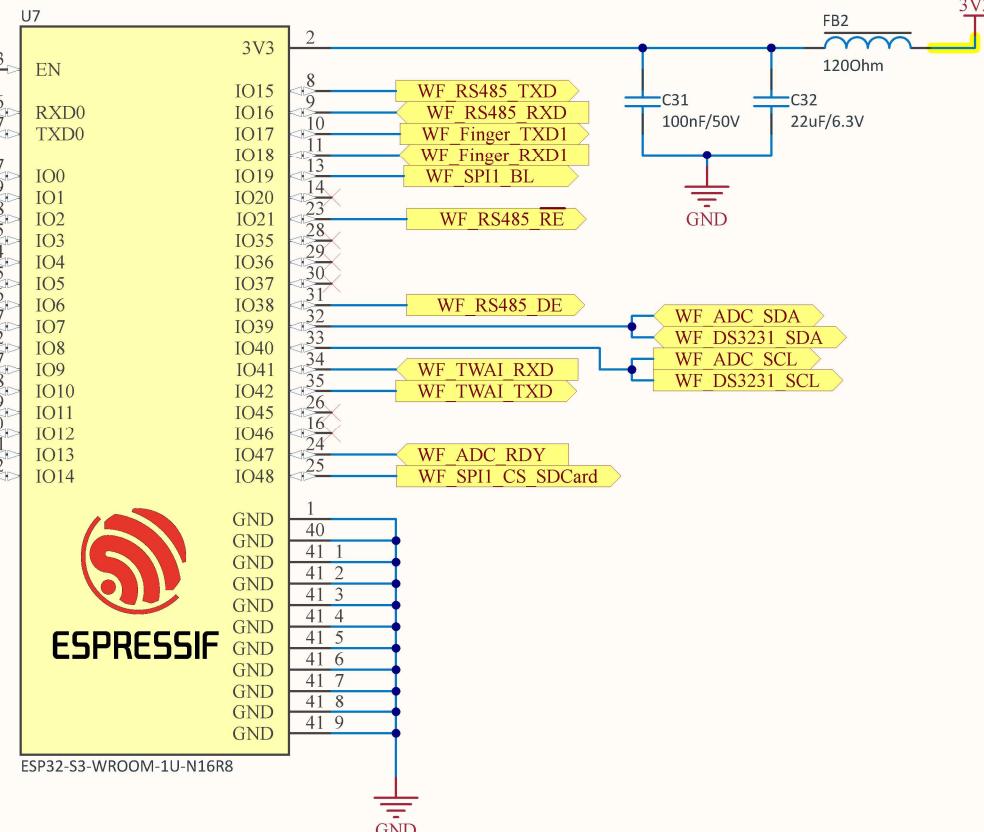


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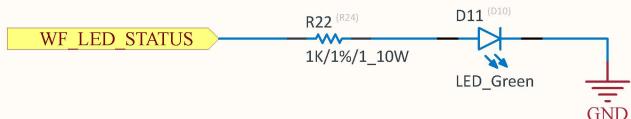
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<h1>BluetoothGateway</h1>		
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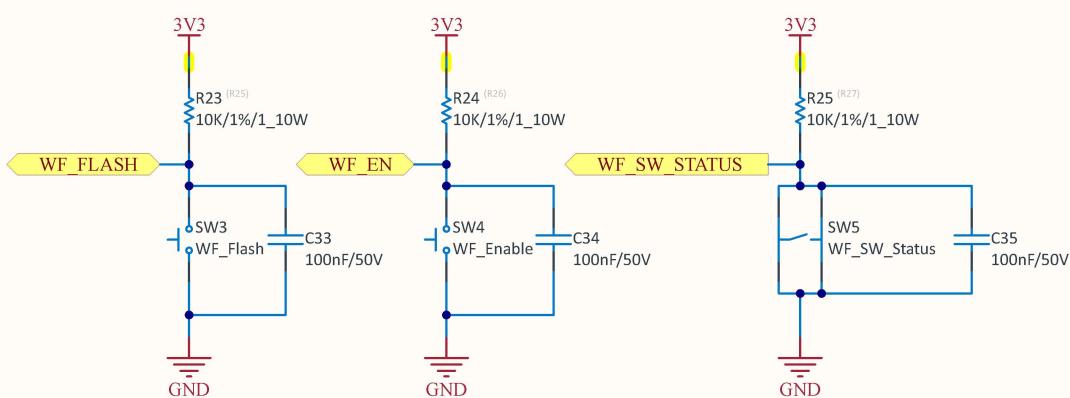
A



B



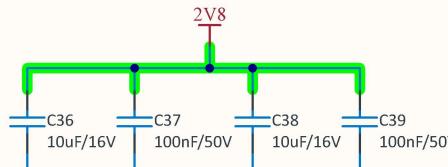
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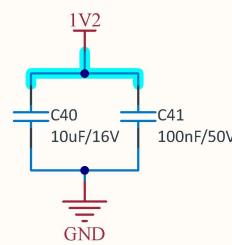
D

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BluetoothGateway	
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A4	
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A



B



3V3

R28 (R30)
10K/1%/1_10W

3V3

R26 (R28)
10K/1%/1_10W

3V3

R27 (R29)
10K/1%/1_10W

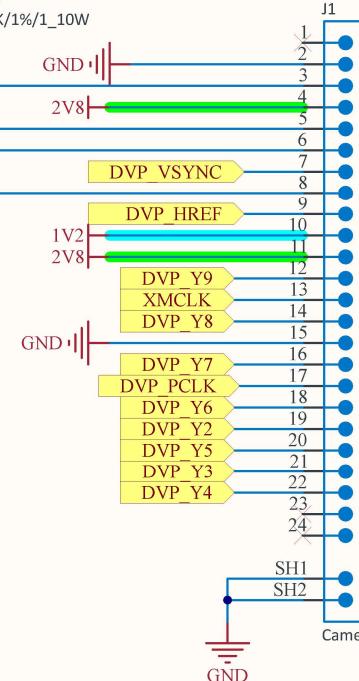
GND

2V8

CAM_RESET

GND

CAM_PWDN

R29 (R31)
10K/1%/1_10W

C

D

Project Name

BluetoothGateway



Size

A4

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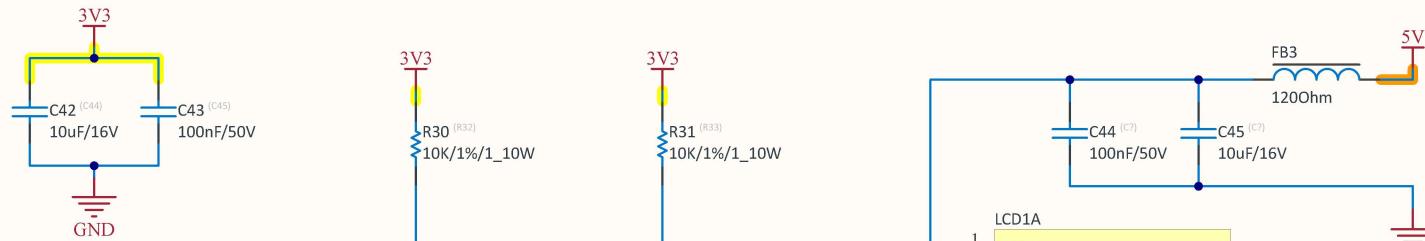
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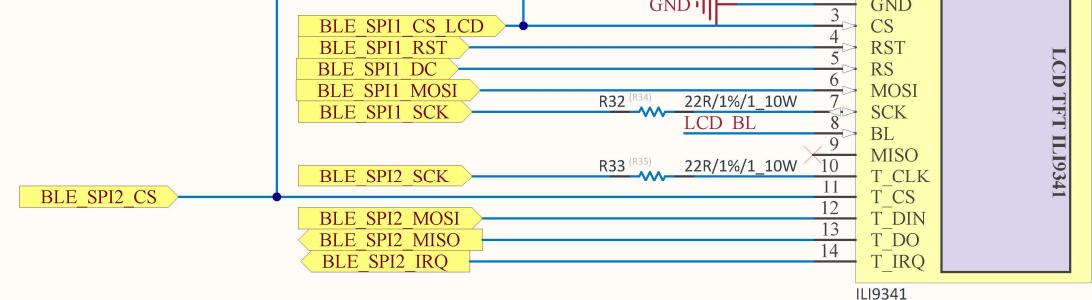
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File: Camera.SchDoc

A



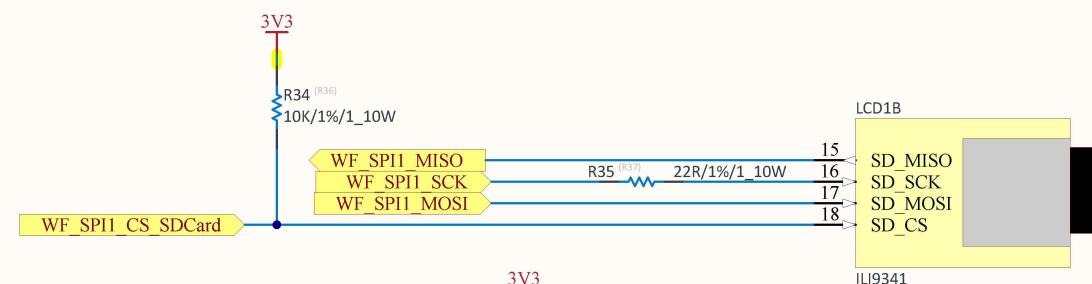
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A

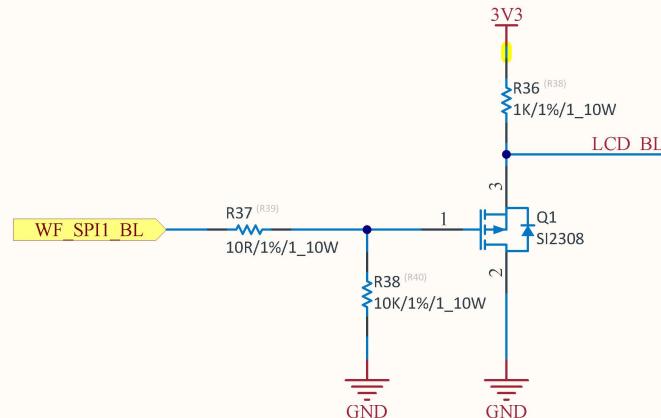
B

C



C

D



Project Name

BluetoothGateway



Size

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D

A

A

B

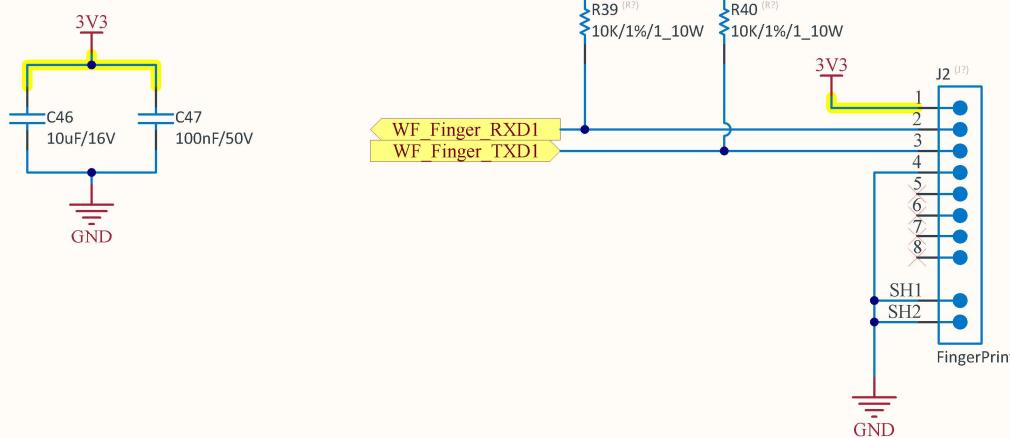
B

C

C

D

D



Project Name

BluetoothGateway



Size

A4

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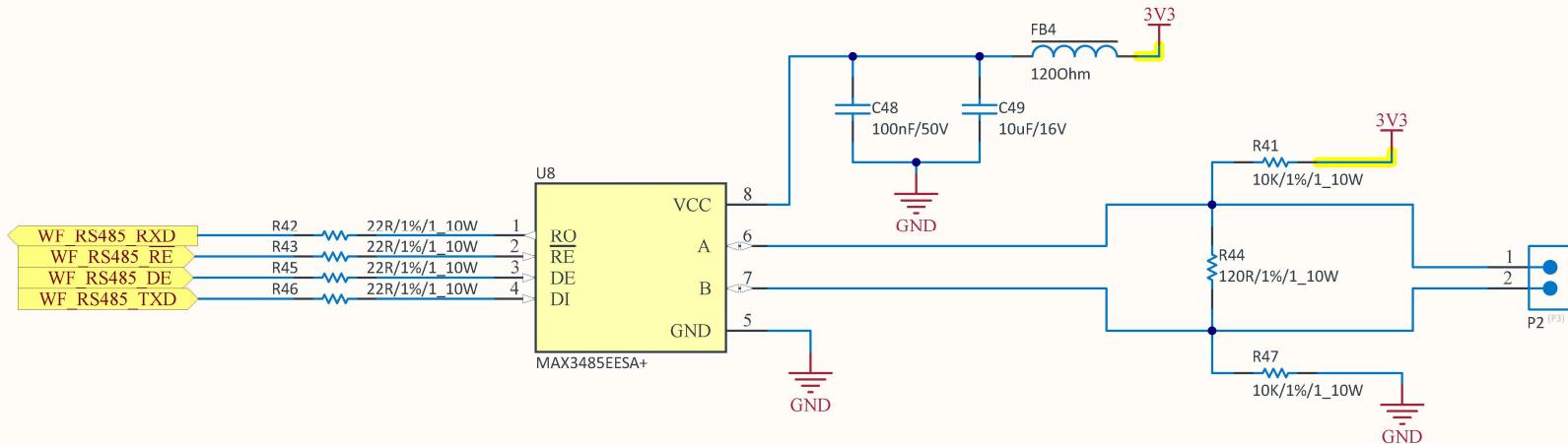
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File: FingerPrint.SchDoc

A

A



B

B

C

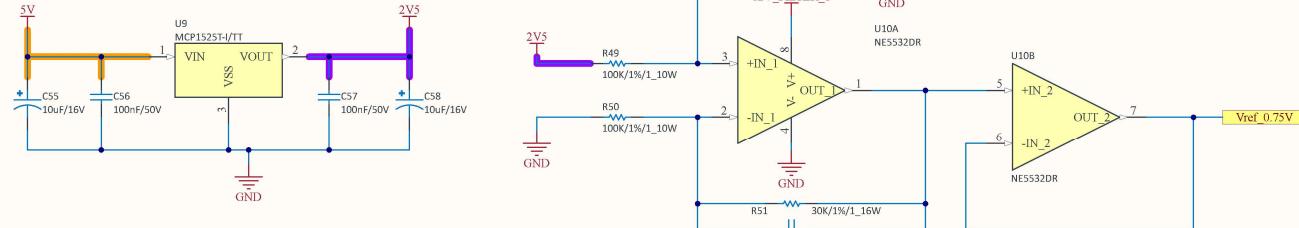
C

D

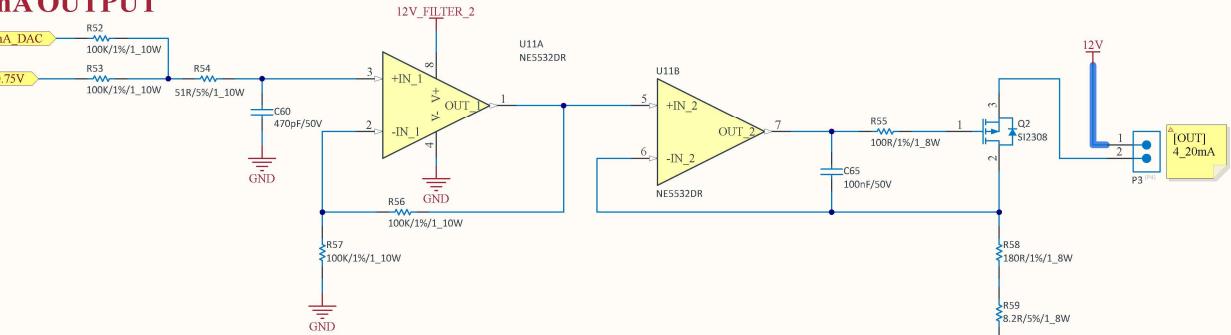
D

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BluetoothGateway 	
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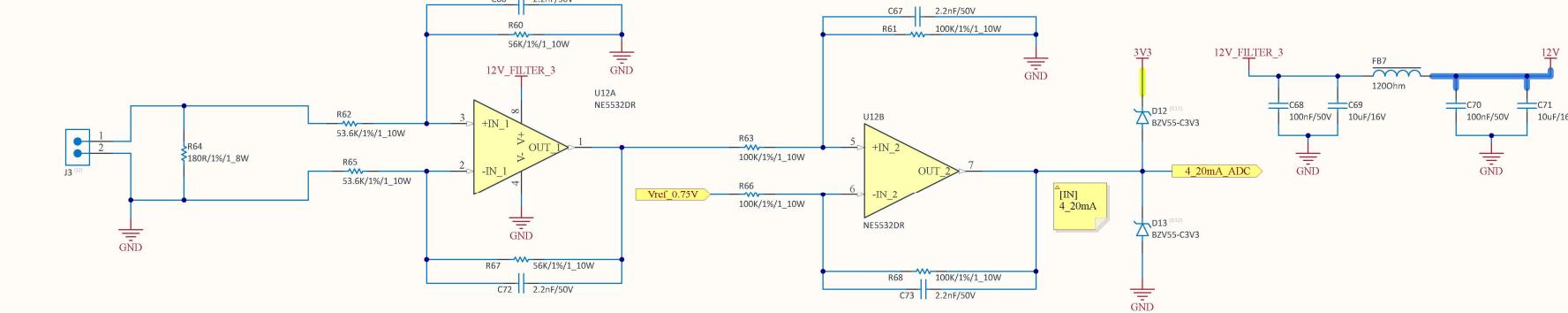
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4-20mA OUTPUT

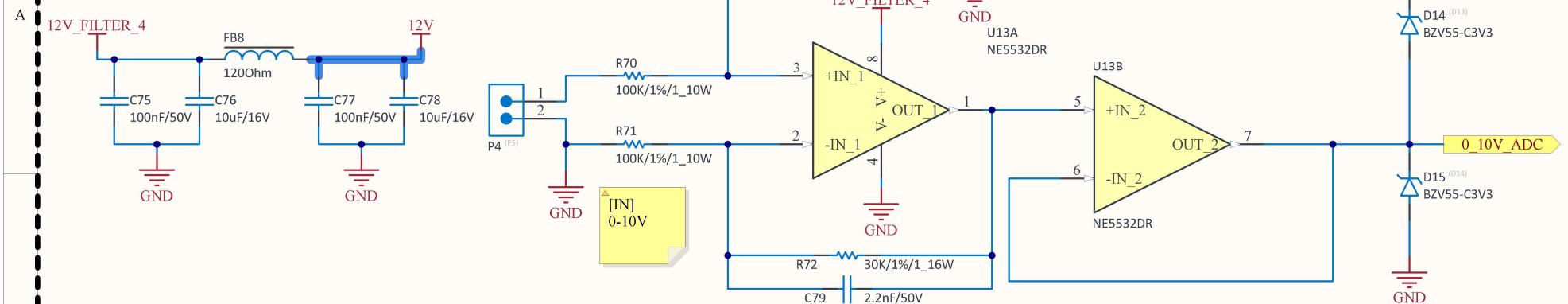


4-20mA INPUT

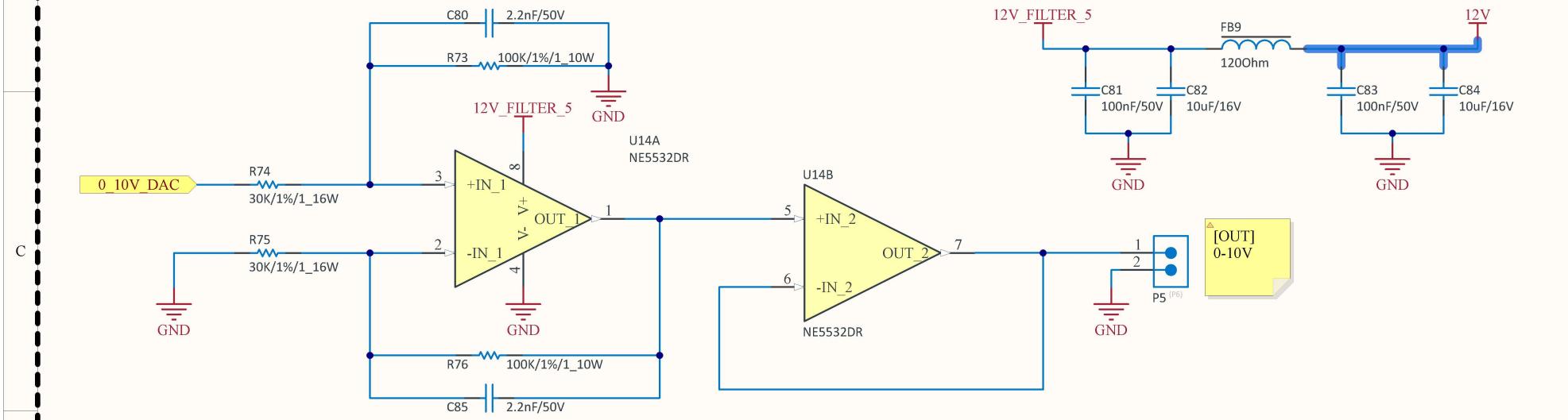


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BluetoothGateway	PIF
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0-10V INPUT



0-10V OUTPUT



Project Name

BluetoothGateway



Size
A4

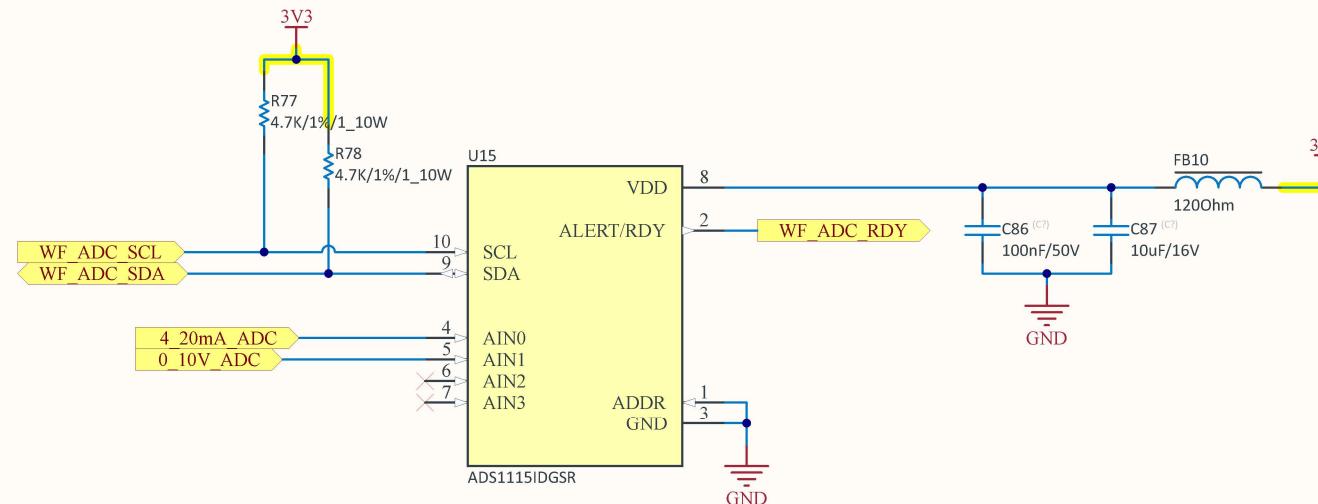
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Date: 1/25/2025 Last Modified: 1/25/2025

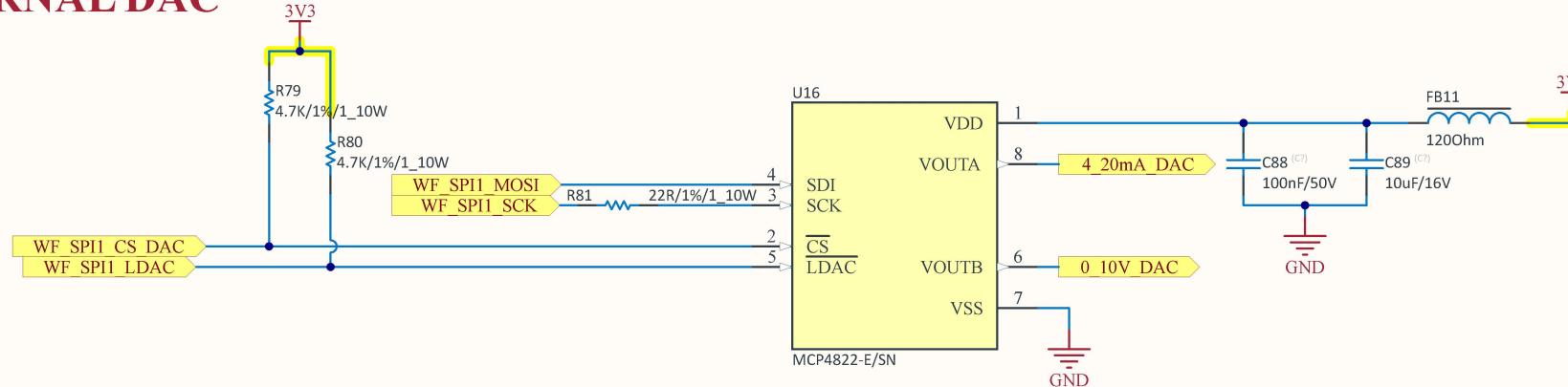
Drawn By: * Sheet 13 of 16 Checked By: *

File: 0-10V_Converter.SchDoc

EXTERNAL ADC



EXTERNAL DAC



Project Name

BluetoothGateway



Size A4

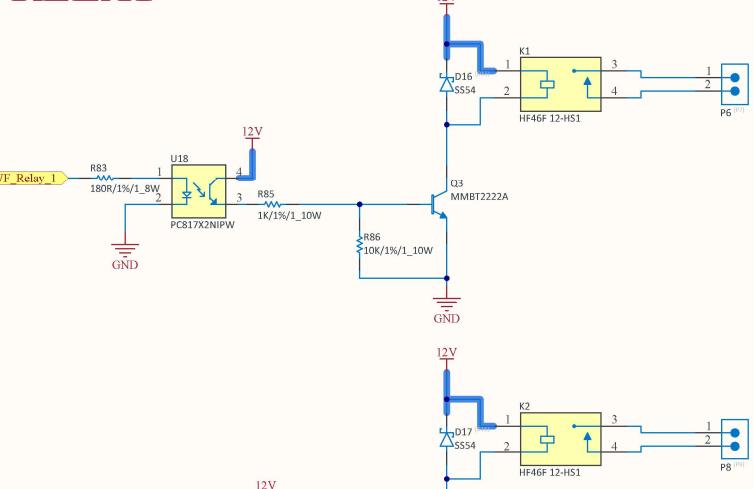
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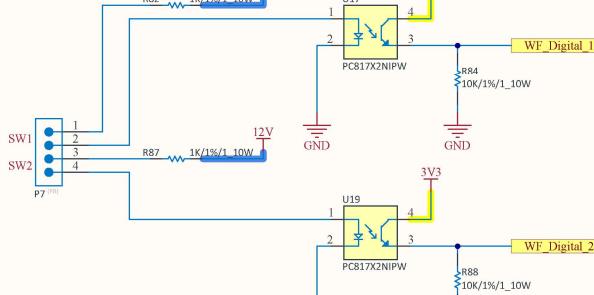
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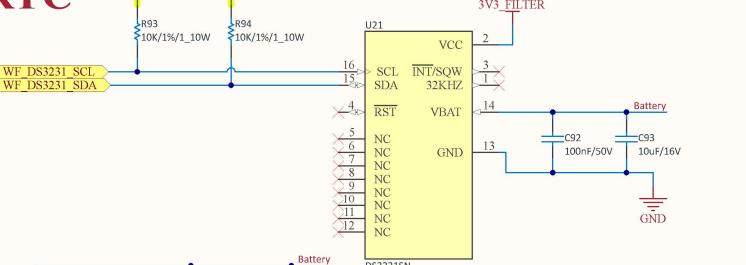
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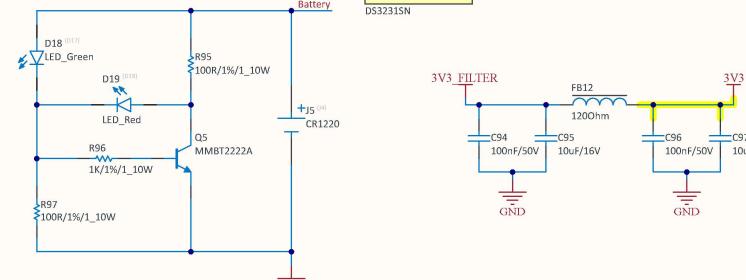
DIGITAL INPUT



RTC

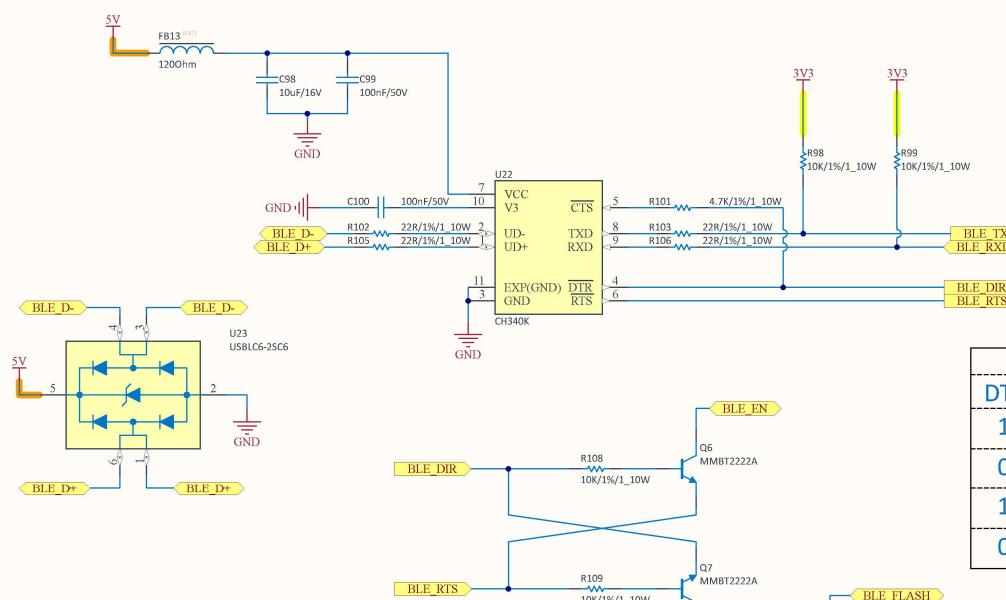
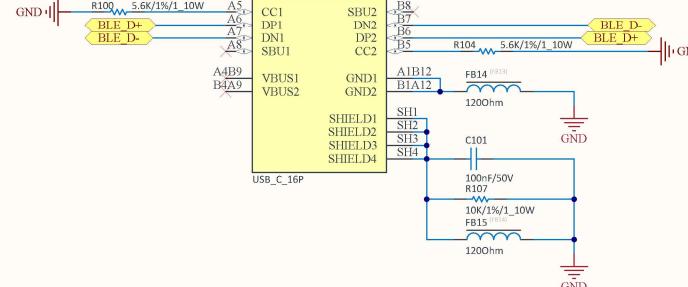


DHT22

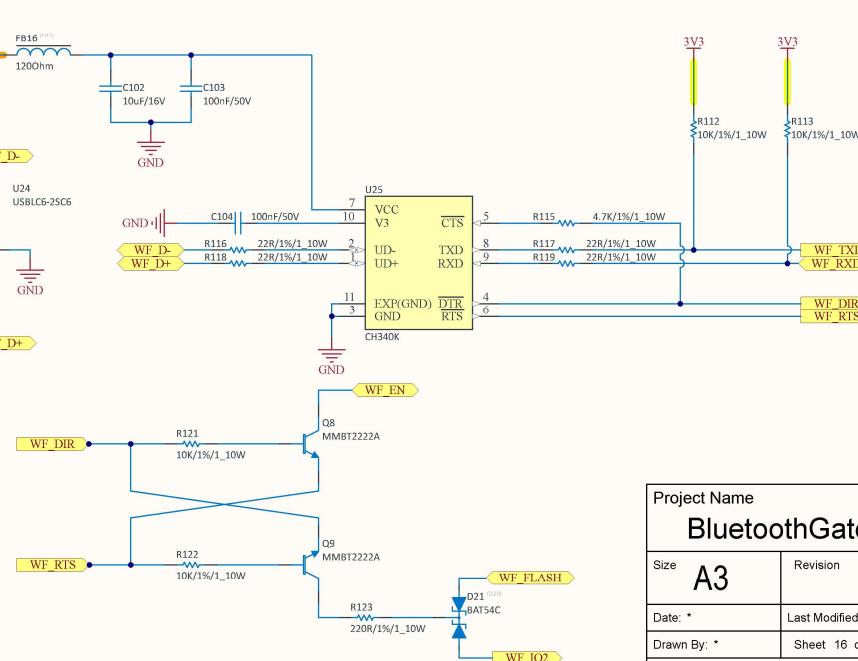
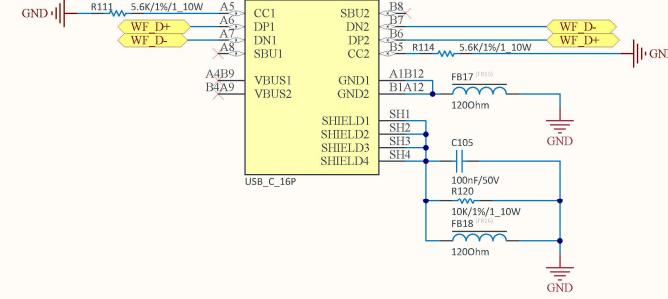


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A3	
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PROGRAM ESP32-S3-Bluetooth



PROGRAM ESP32-S3-WiFi



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A3	
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