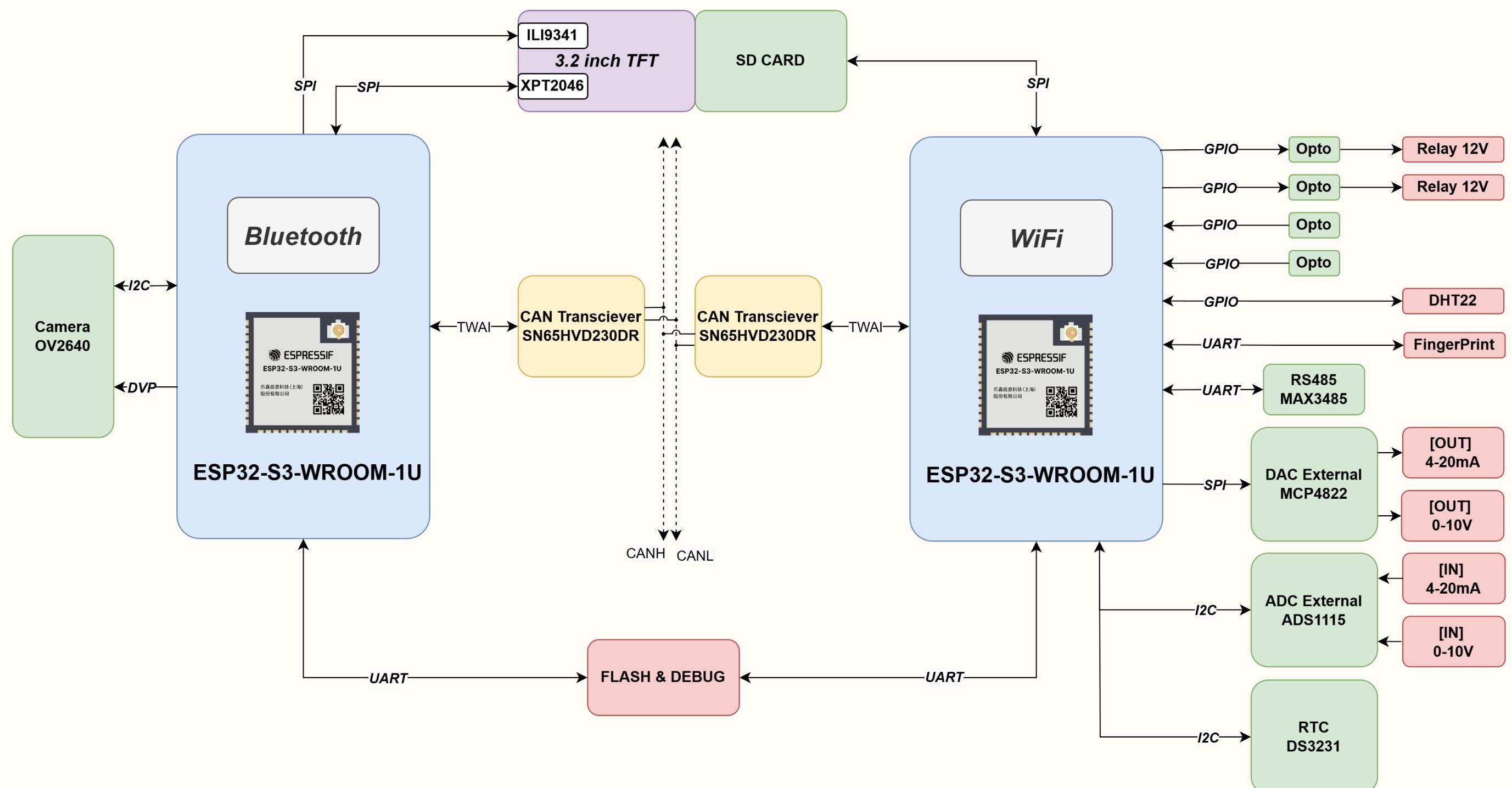


Project Name: Access Control

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Drawn By: Q.Thang & T.Khoa		Sheet 1 of 16
File: Overview_Schematic.SchDoc		



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Drawn By: Q.Thang & T.Khoa	Sheet 2 of 16	
File: Block_Diagram.SchDoc		

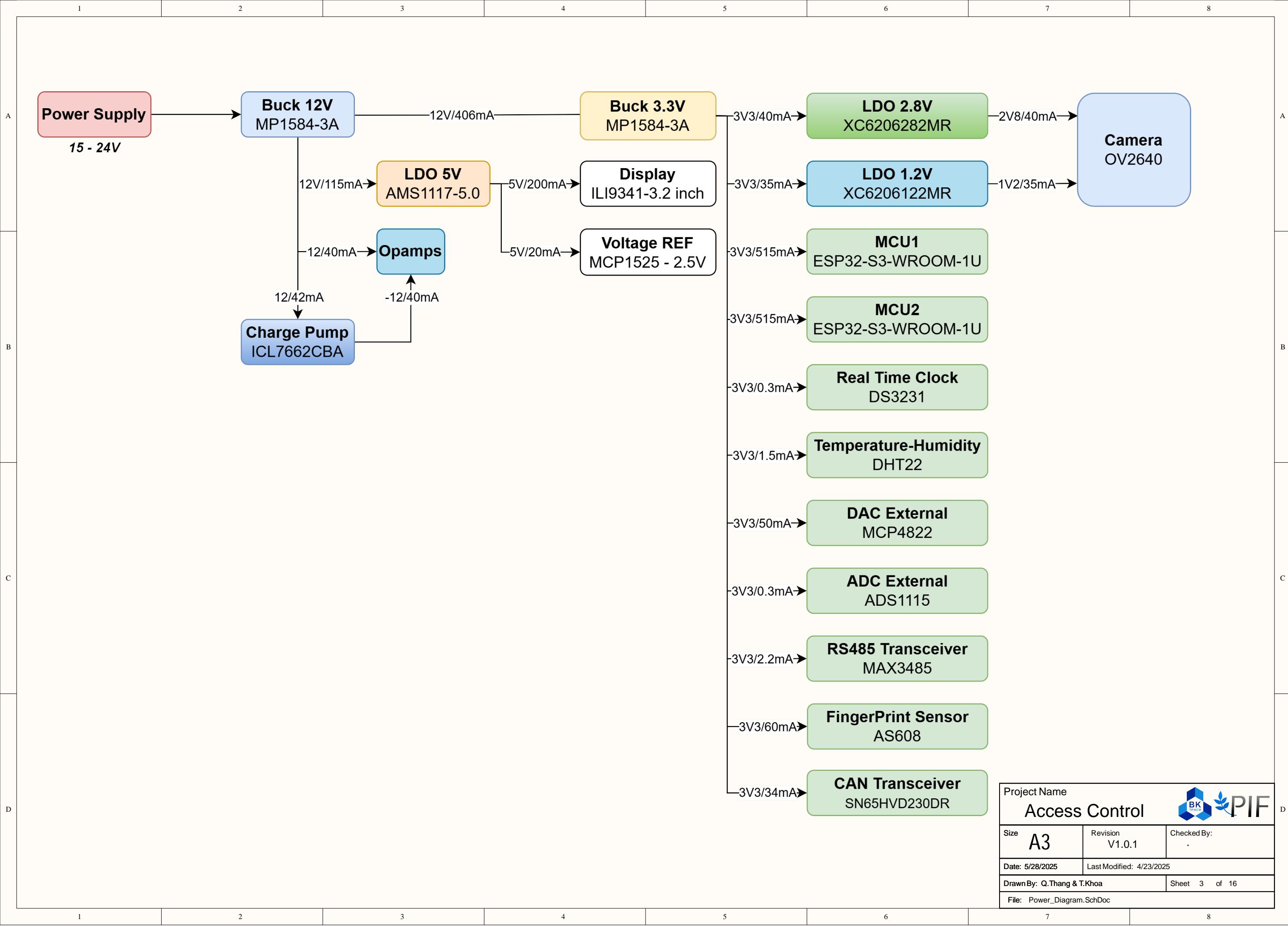


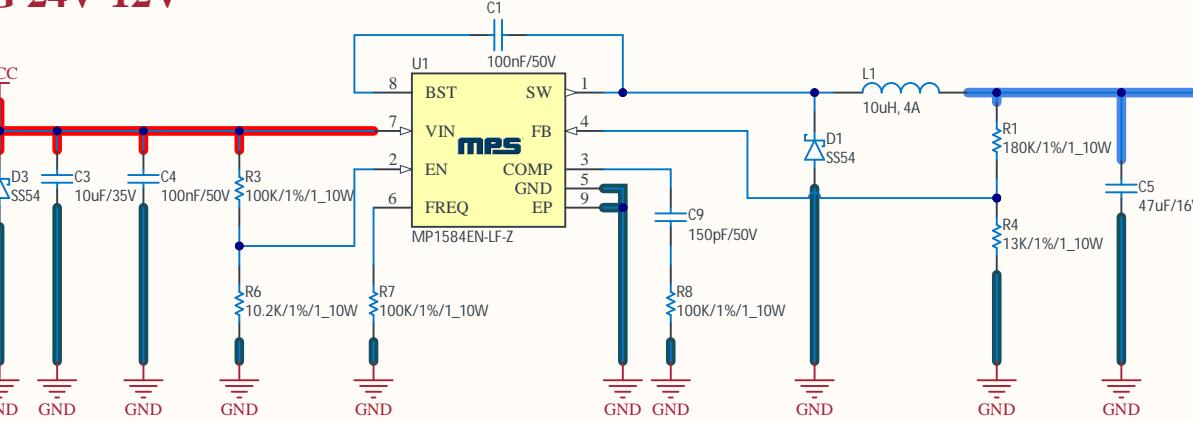
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012	UART_RS485
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015	DAC_ADC_External
016	Interface_IO

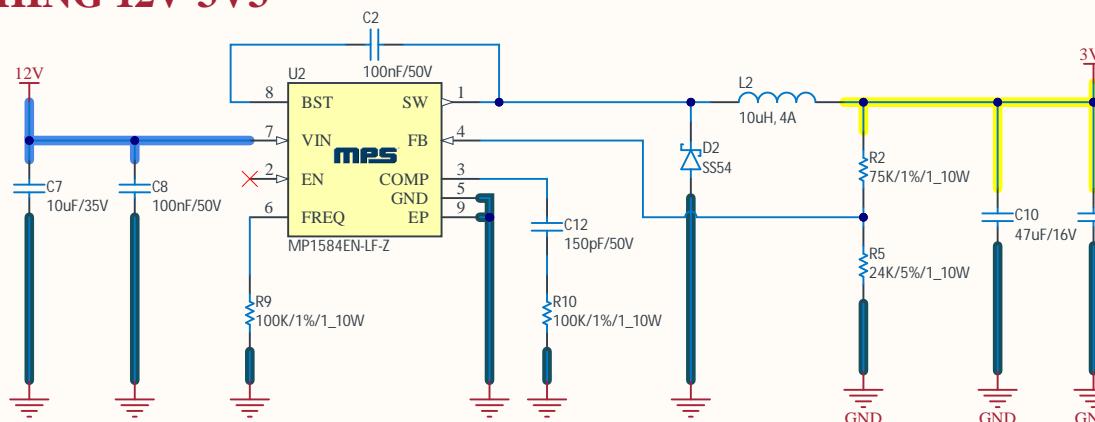
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Access Control 		
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Drawn By: Q.Thang & T.Khoa		Sheet 4 of 16
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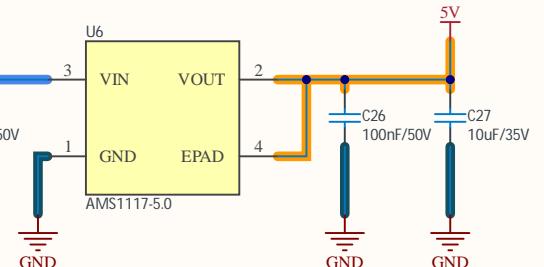
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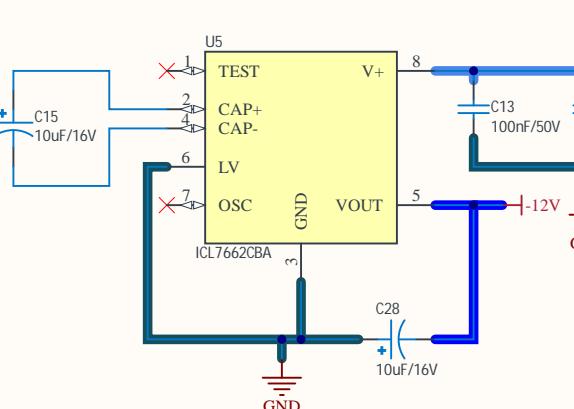
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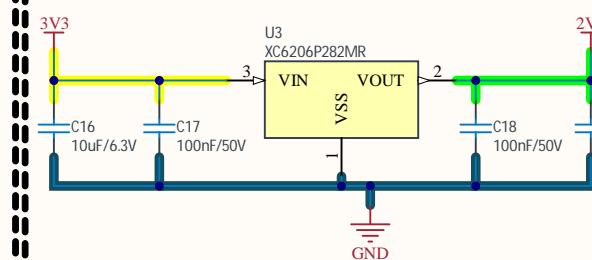
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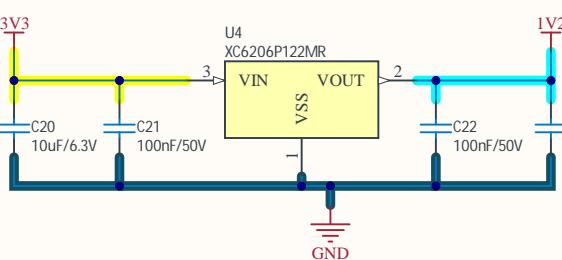
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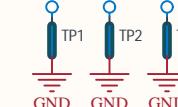
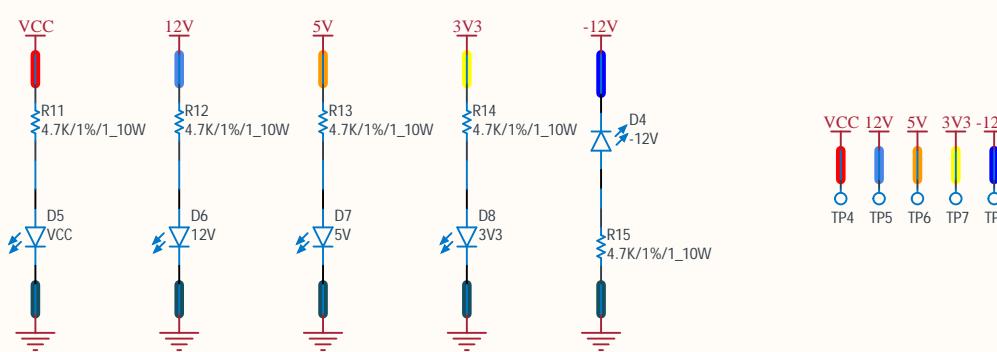
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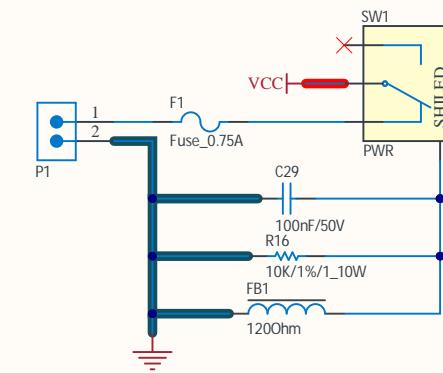
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POWER: LED & TESTPOINT



SWITCH POWER

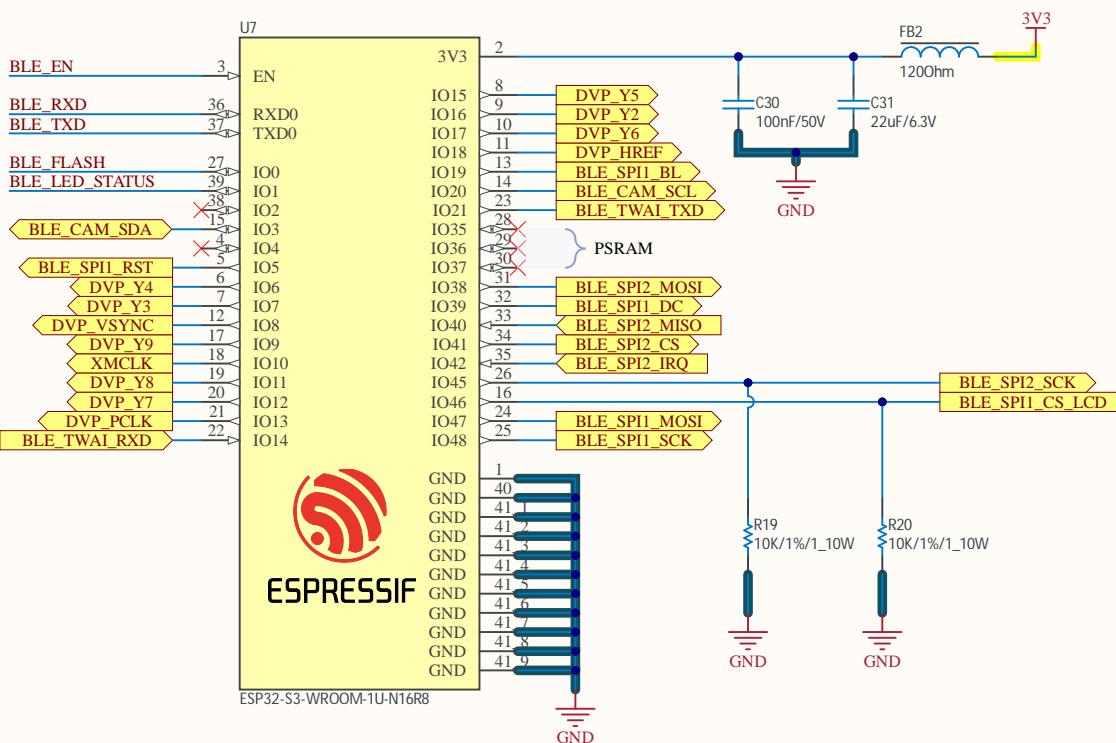


OTHERS

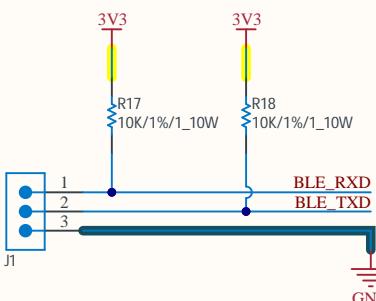


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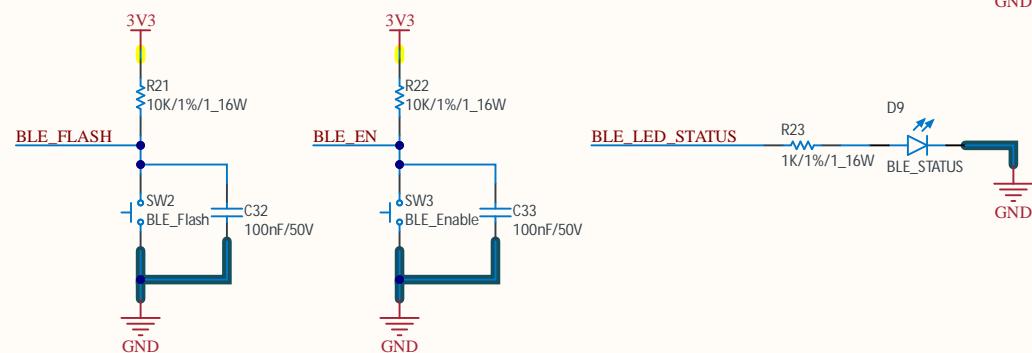
A



B



C



Project Name

Access Control



Size

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Date: 5/28/2025

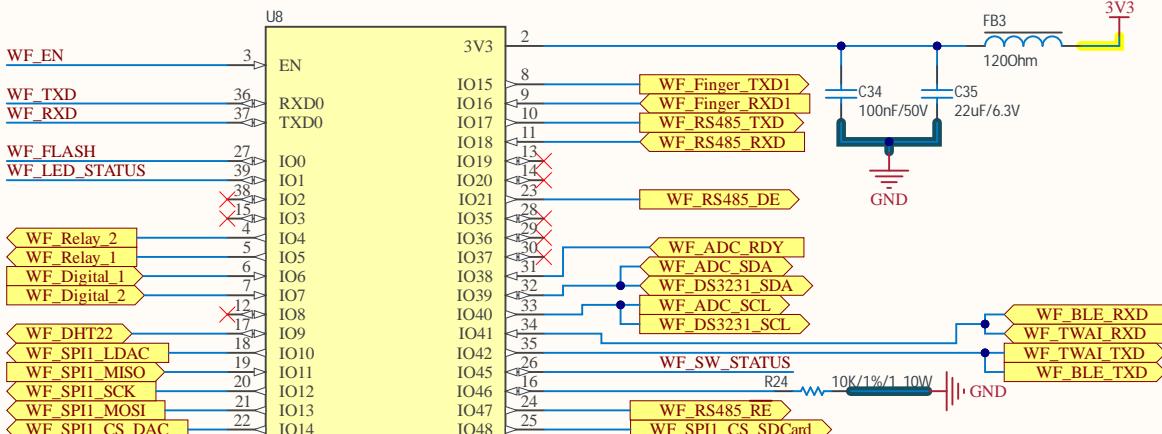
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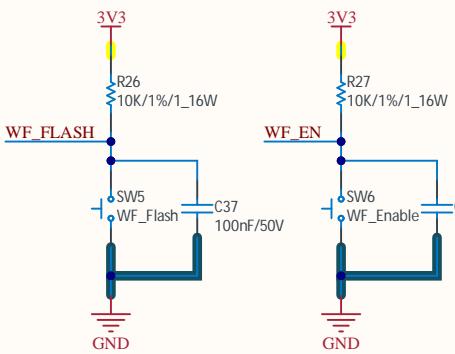
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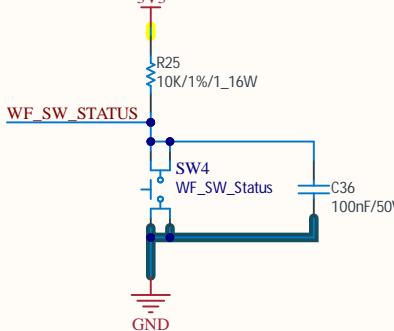
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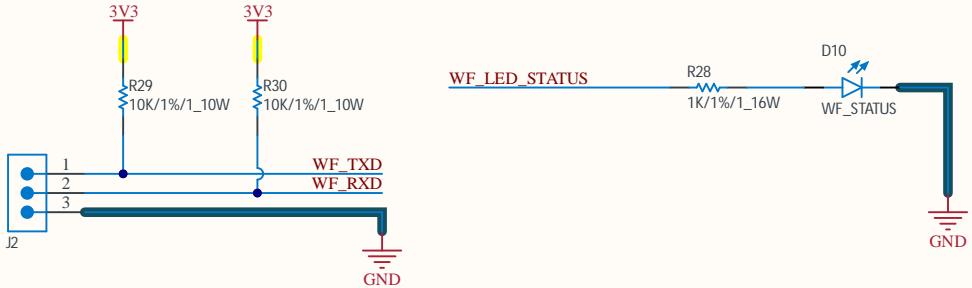
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C



D



Project Name

Access Control



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Date: 5/28/2025

Last Modified: 5/12/2025

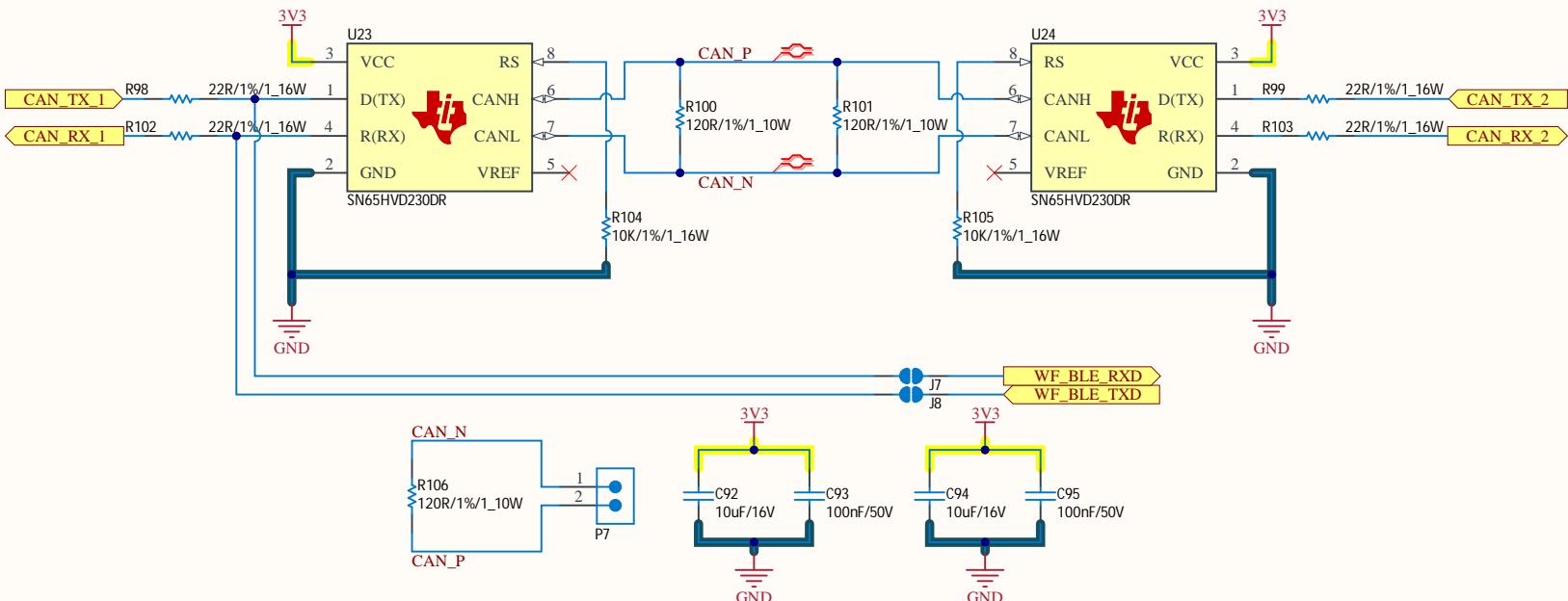
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File: ESP32_WiFi.SchDoc

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A



B

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C

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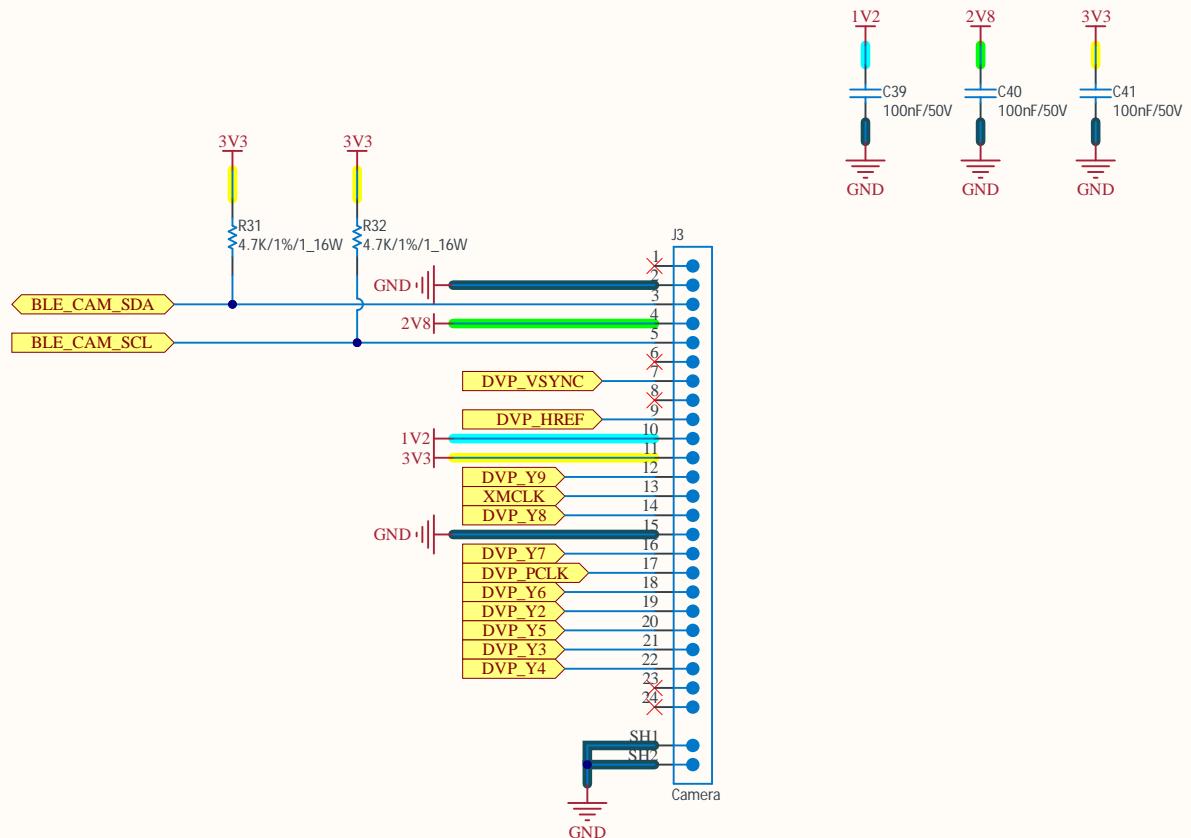
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File: Communication.SchDoc

A



B

C

A

B

C

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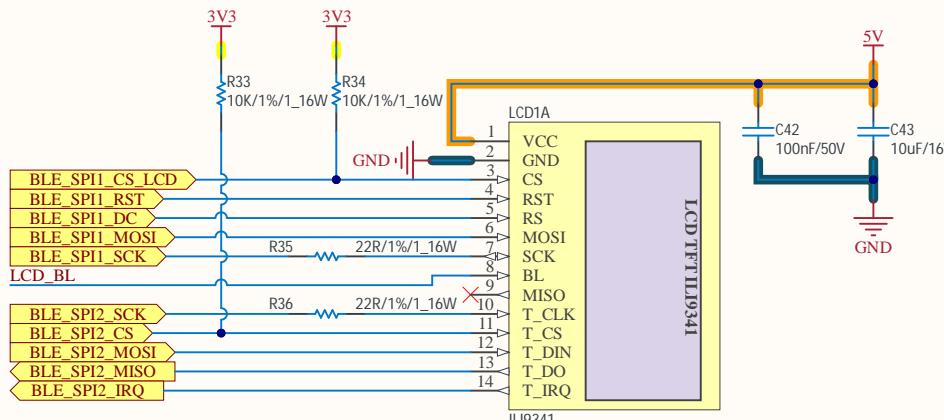
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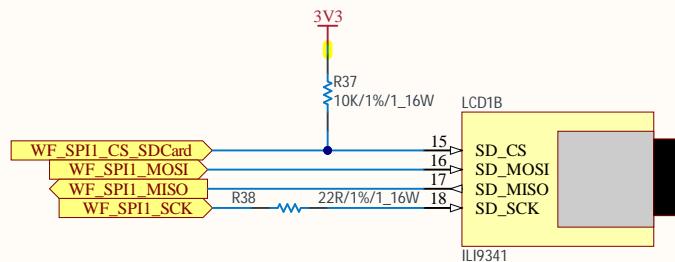
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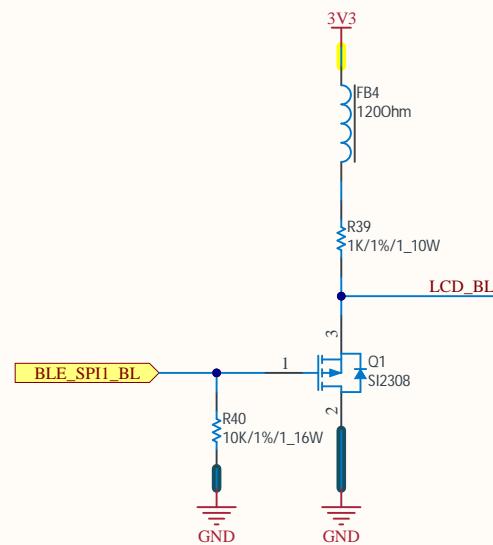
A



B



C



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A

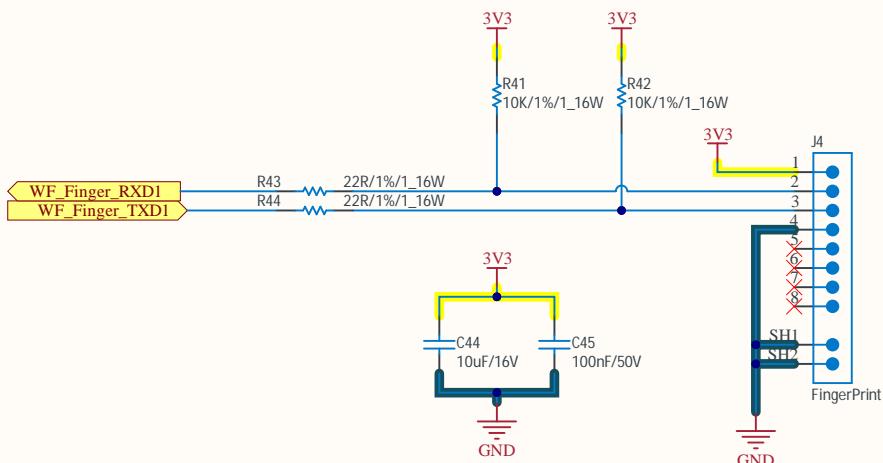
A

B

B

C

C



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A

A

B

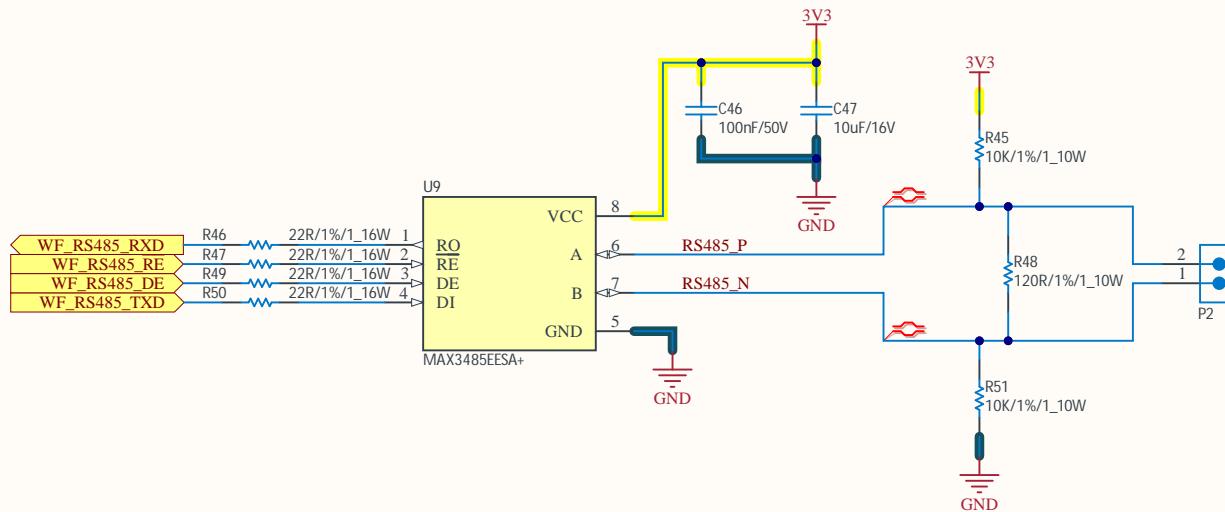
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C

C

D

D



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Date: 5/28/2025

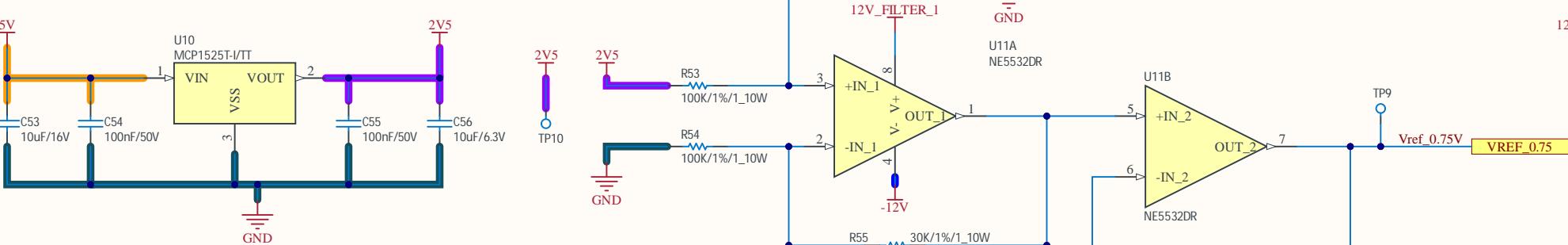
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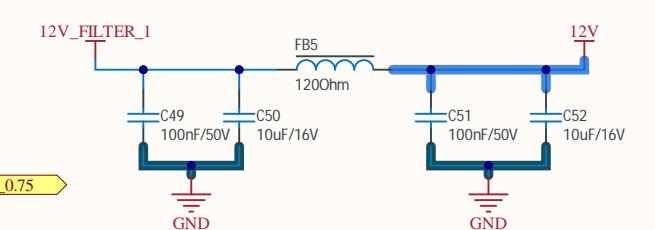
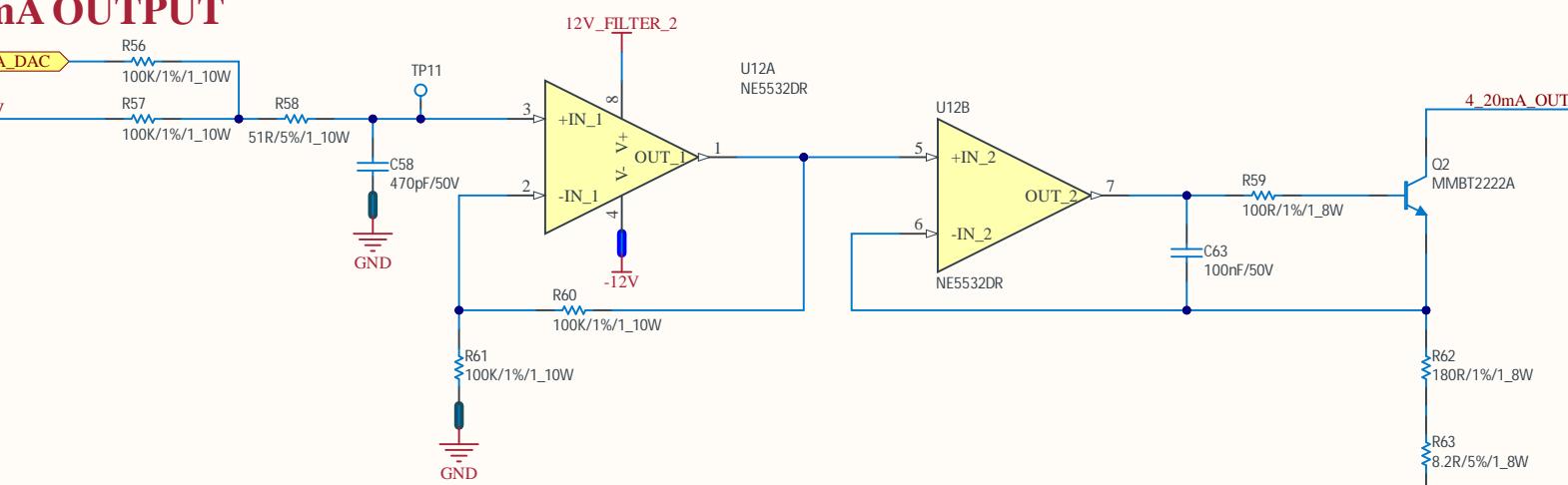
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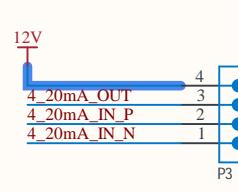
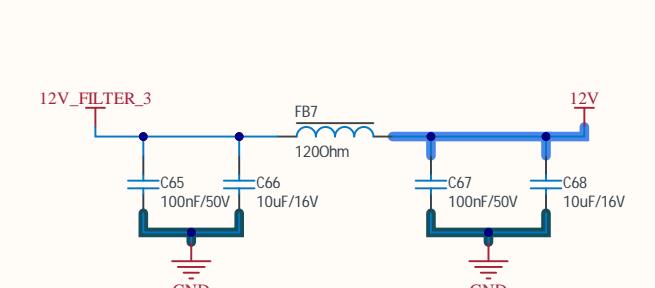
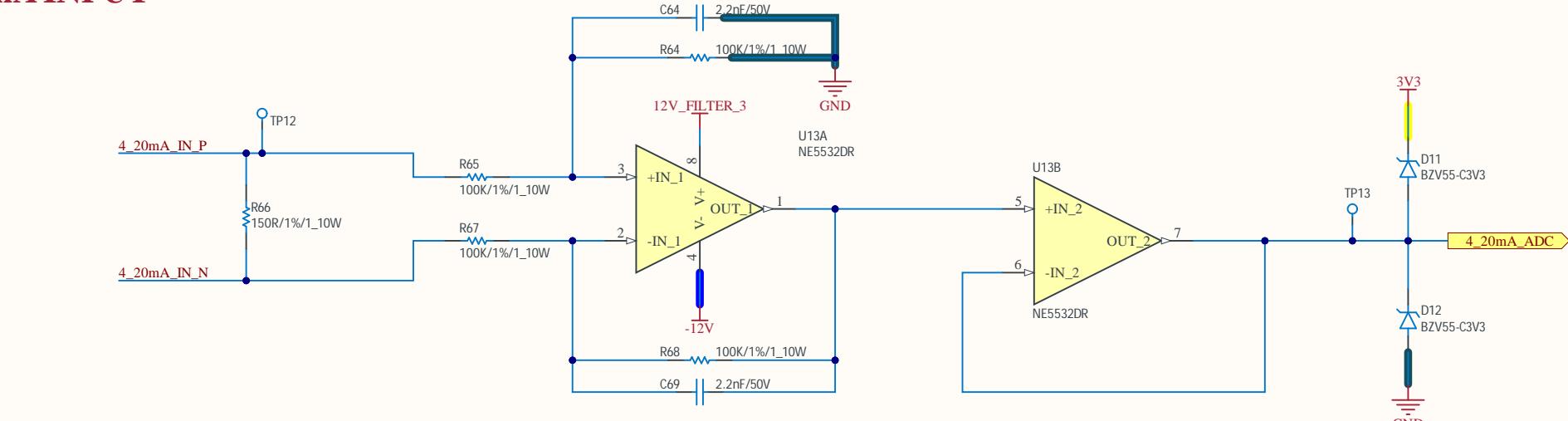
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4-20mA OUTPUT



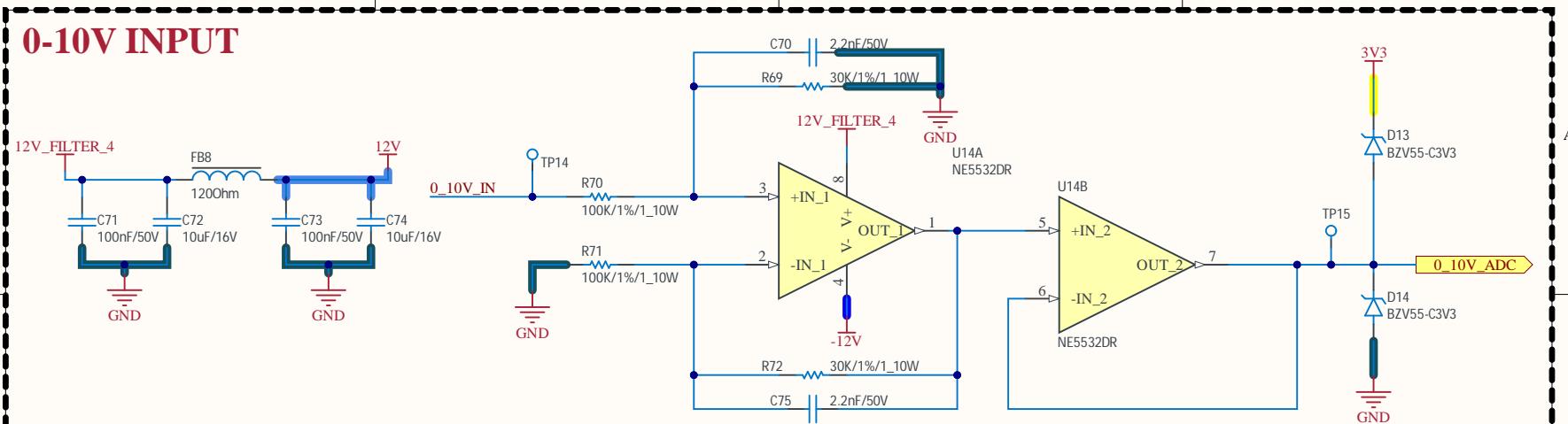
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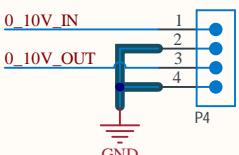
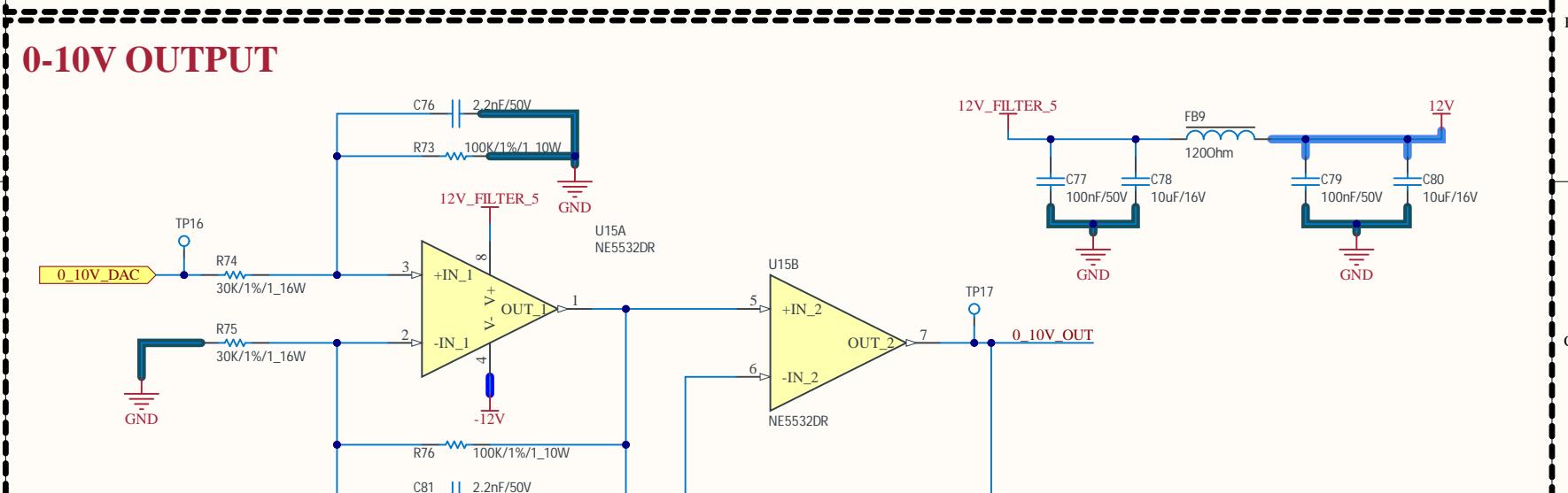
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0-10V INPUT



0-10V OUTPUT



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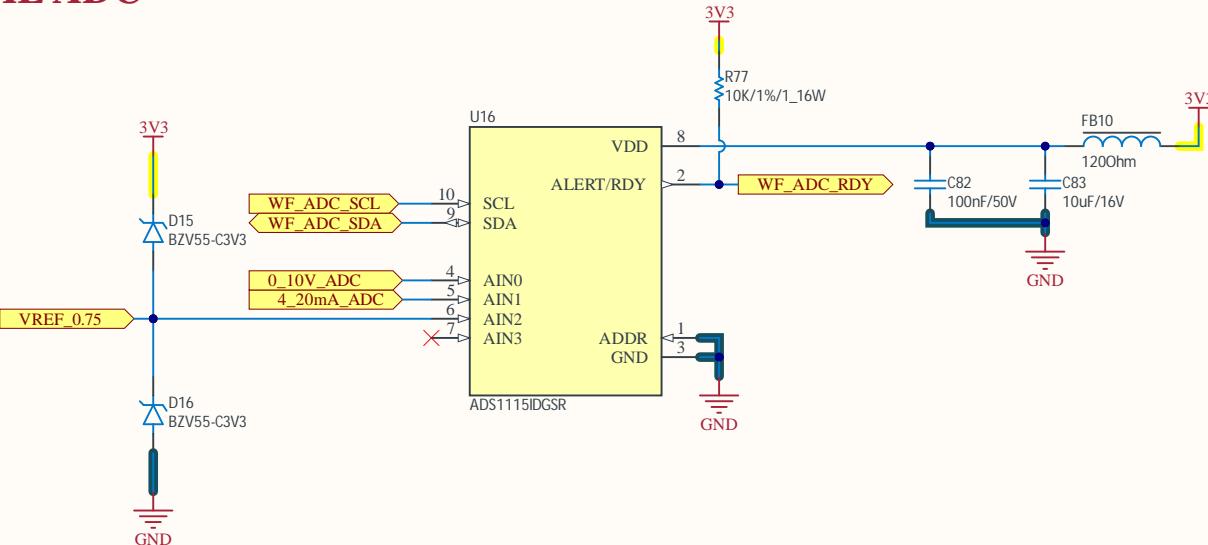
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Drawn By: Q.Thang & T.Khoa

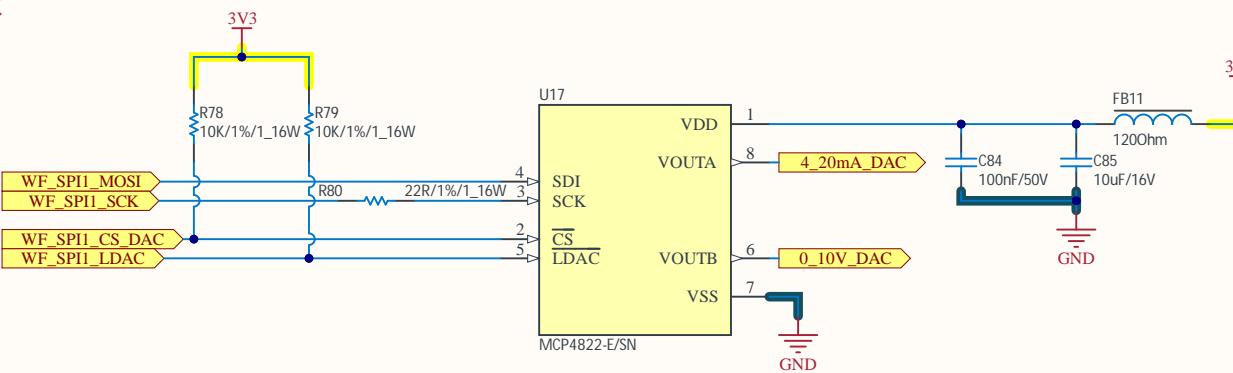
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File: 0-10V_Converter.SchDoc

EXTERNAL ADC



EXTERNAL DAC



Project Name

Access Control



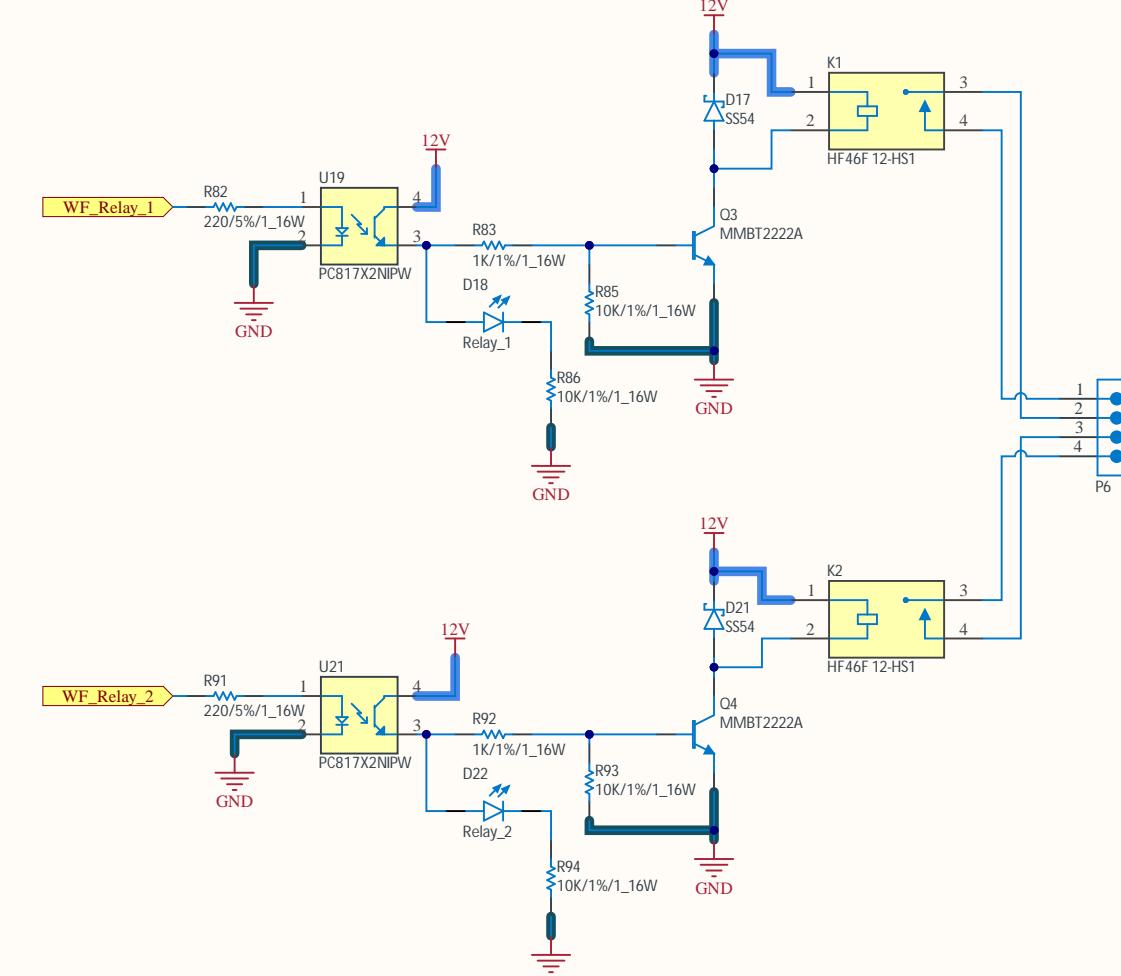
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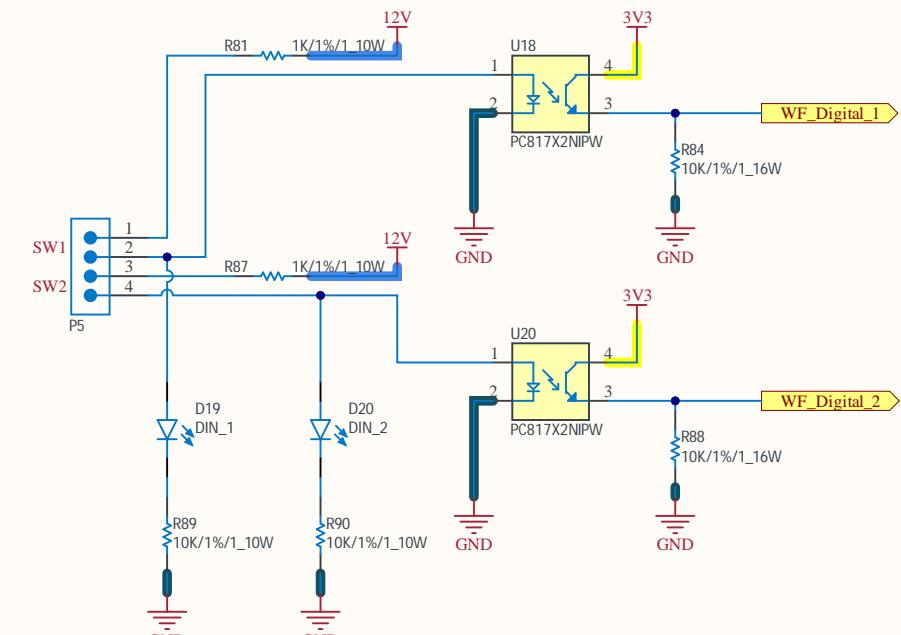
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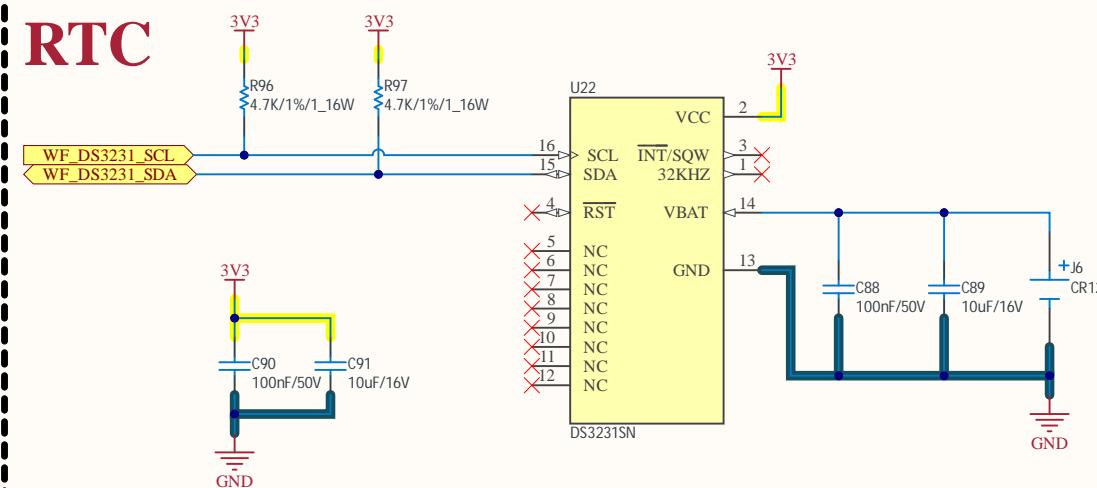
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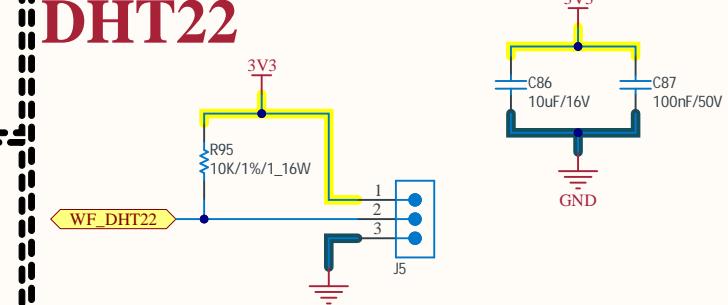
DIGITAL INPUT



RTC



DHT22



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