

Project Name: BluetoothGateway PIF

Project Name: BluetoothGateway 

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A3	V1.0.0	-
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File: Overview_Schematic.SchDoc		

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Bluetooth Gateway Schematic V1.0.0

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A4

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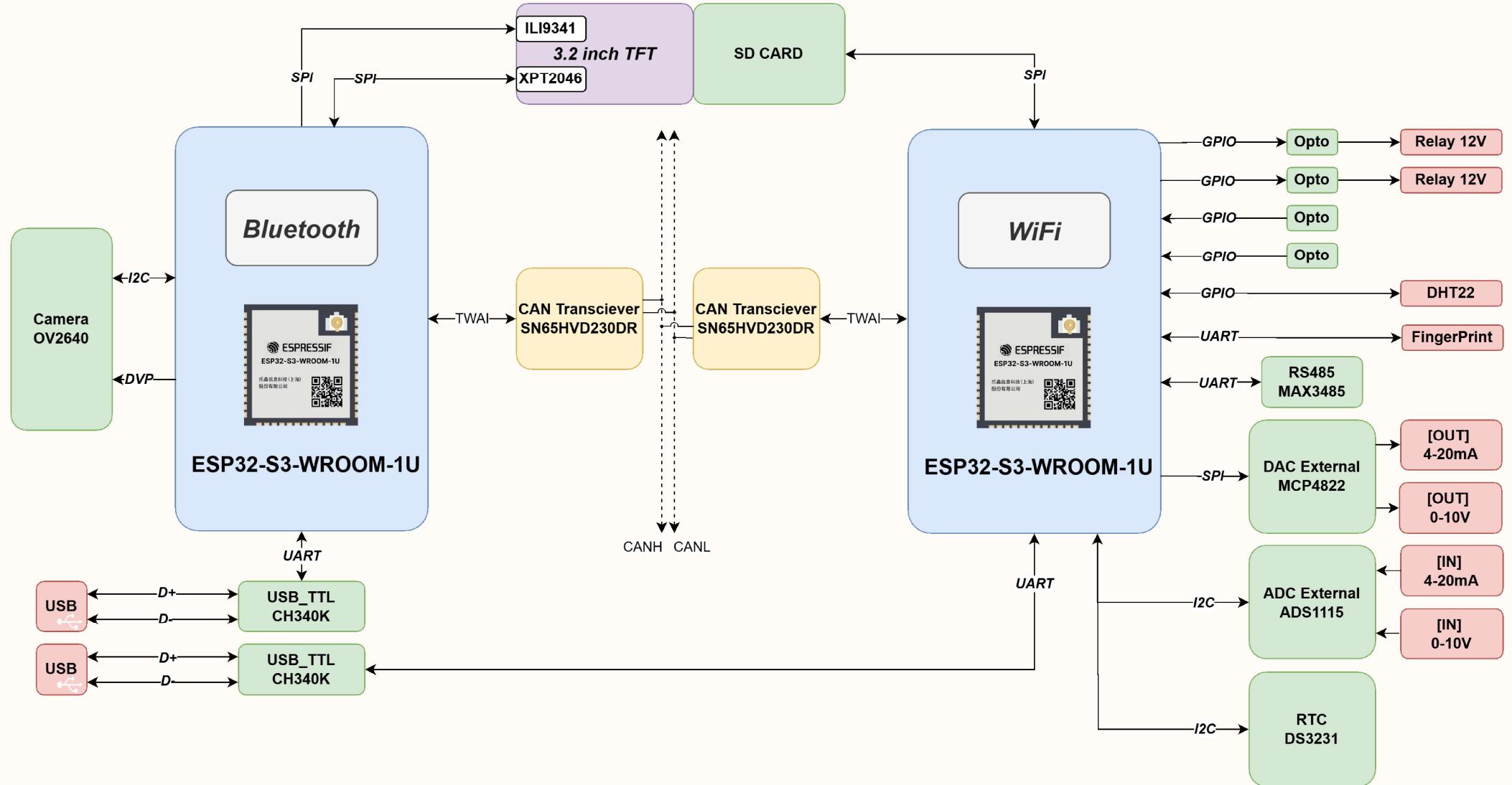
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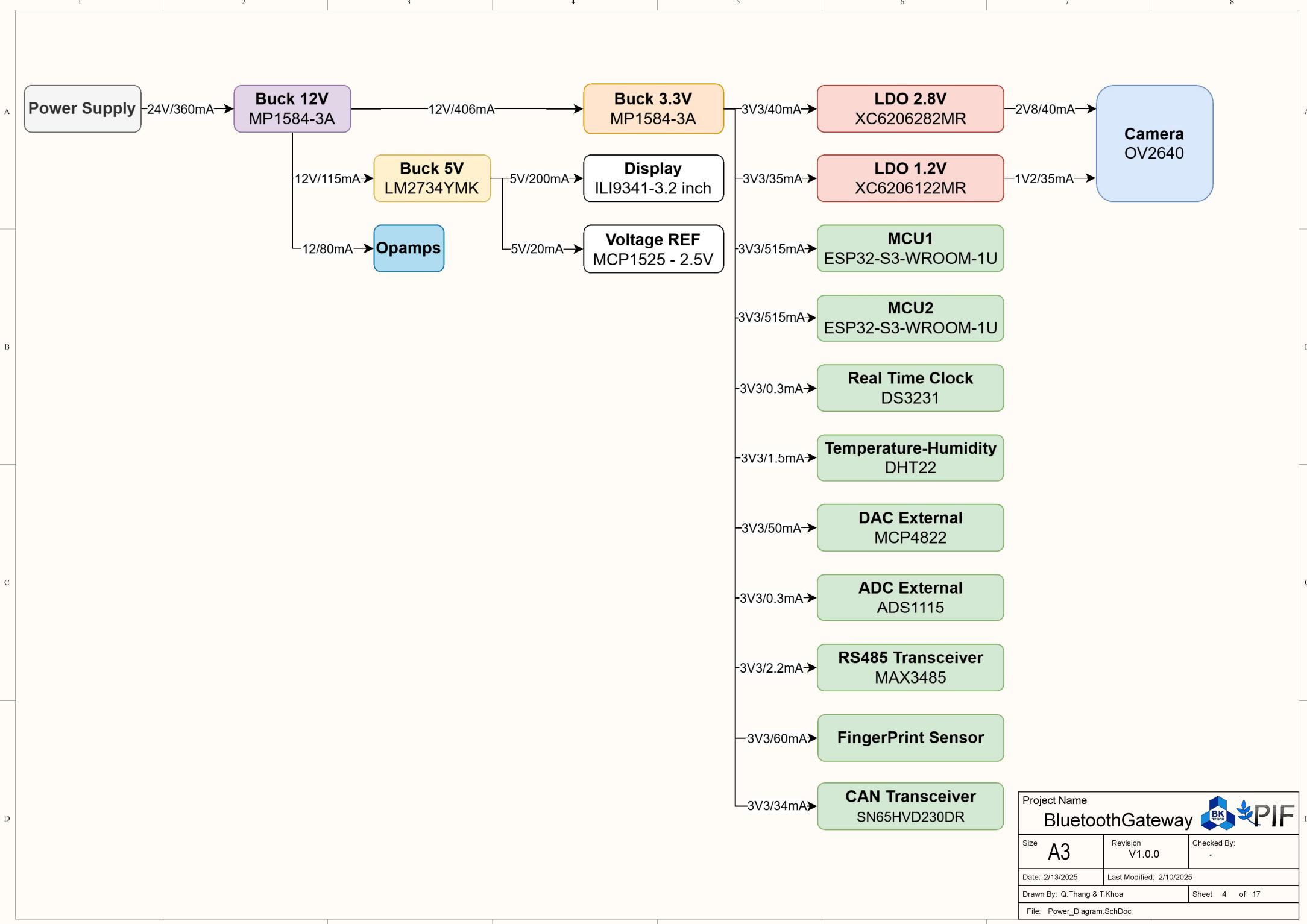
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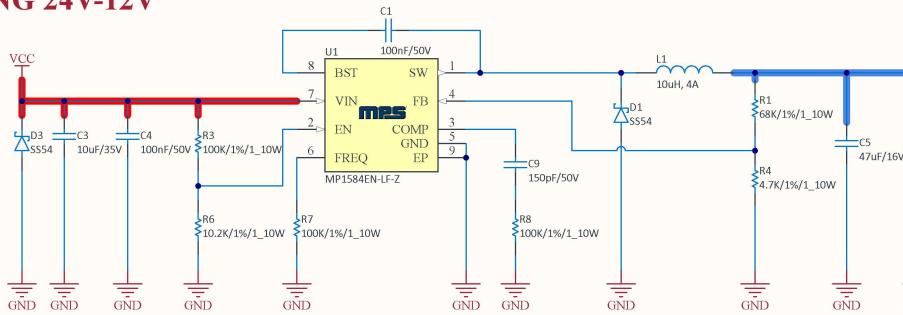
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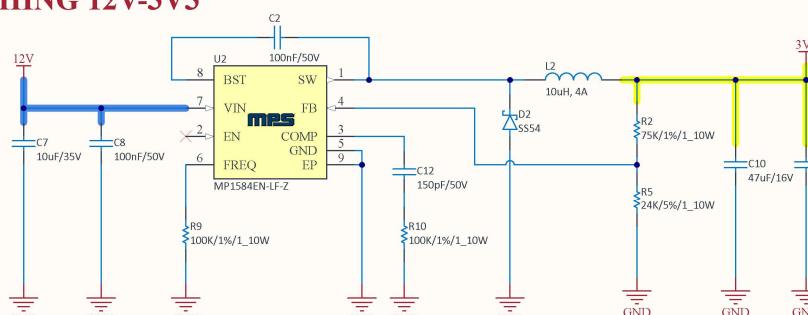
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Drawn By: Q.Thang & T.Khoa		Sheet 3 of 17
File: Block_Diagram.SchDoc		



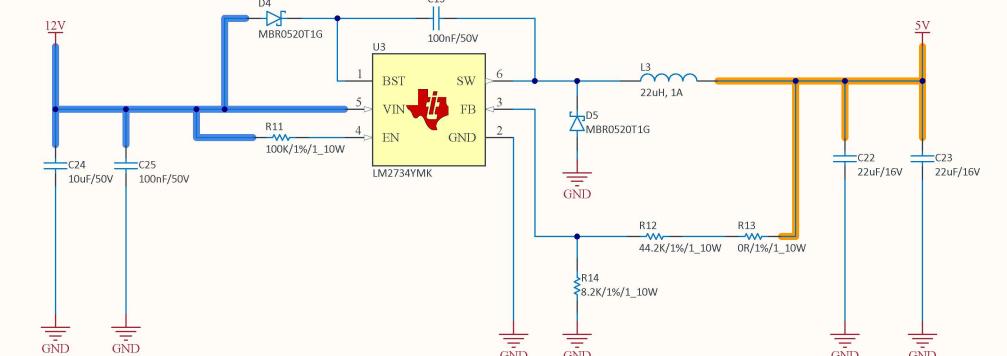
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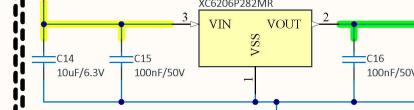
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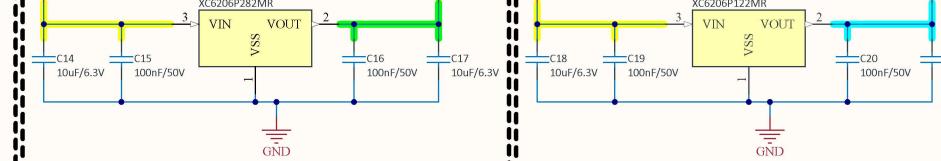
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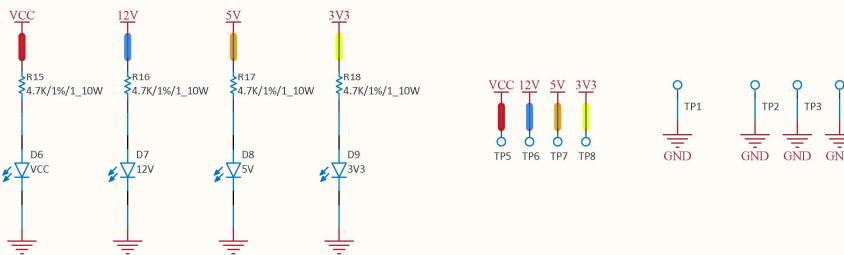
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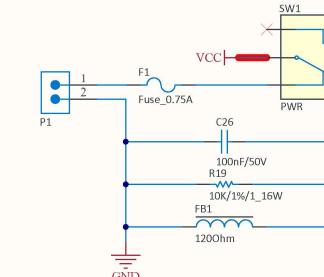
LDO 3V3-1V2



POWER: LED & TESTPOINT



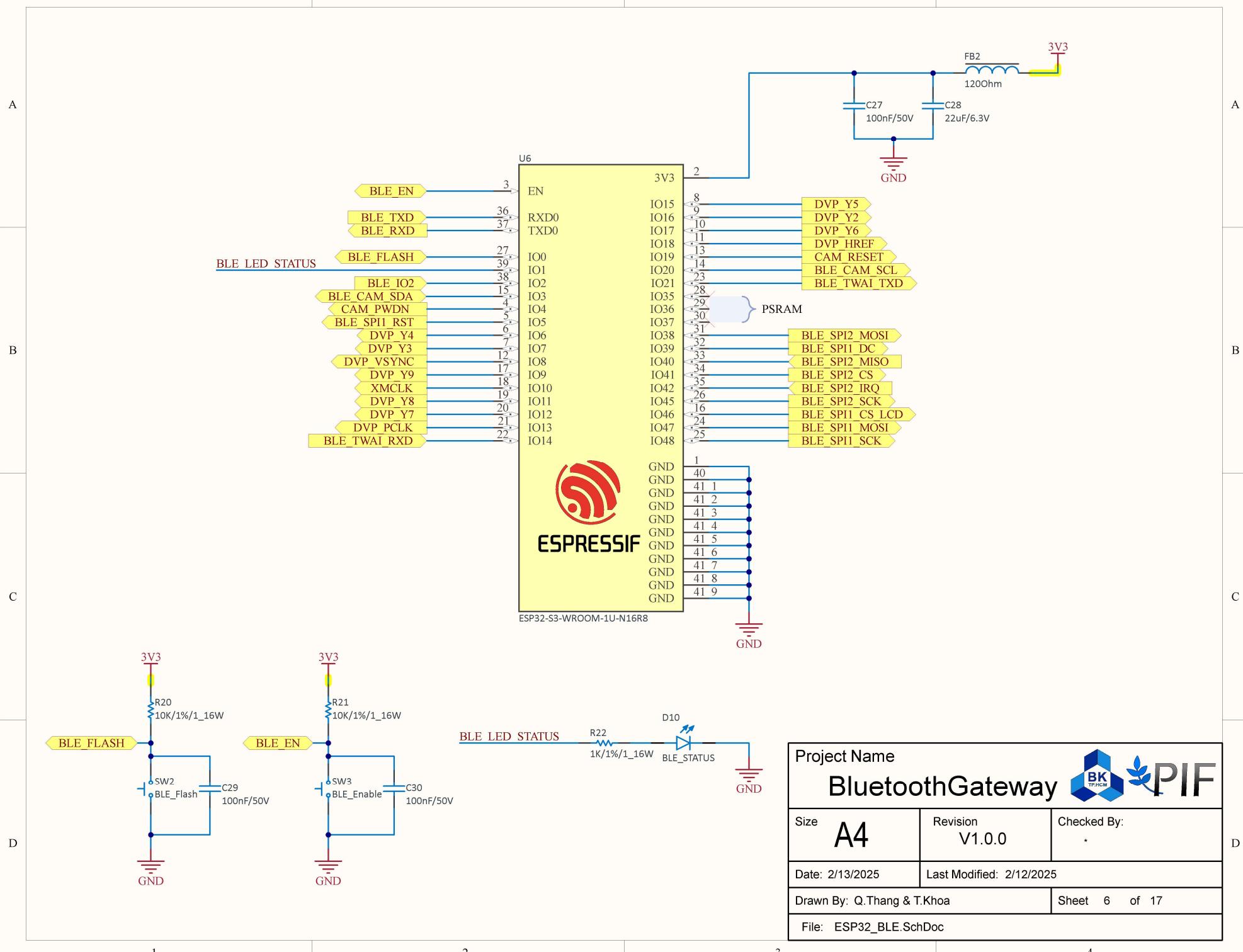
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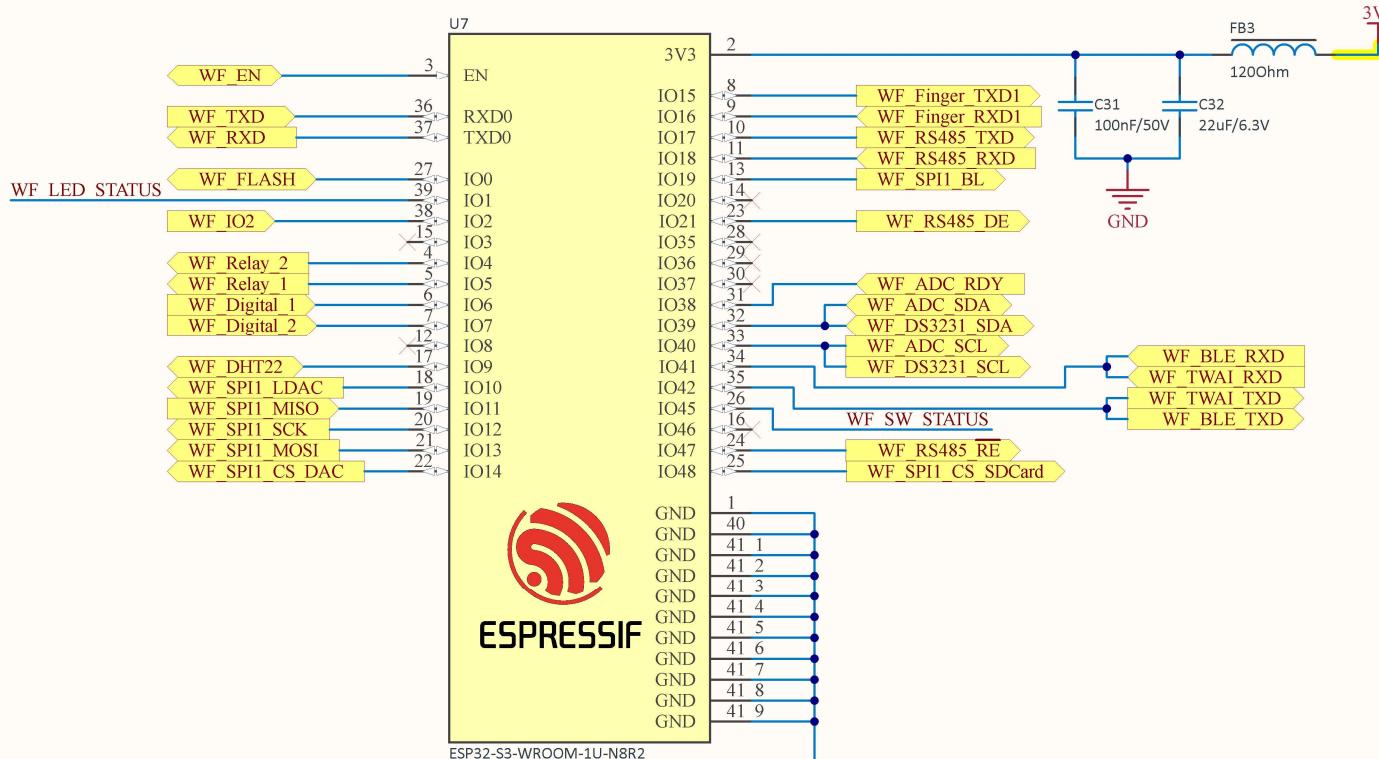
OTHERS



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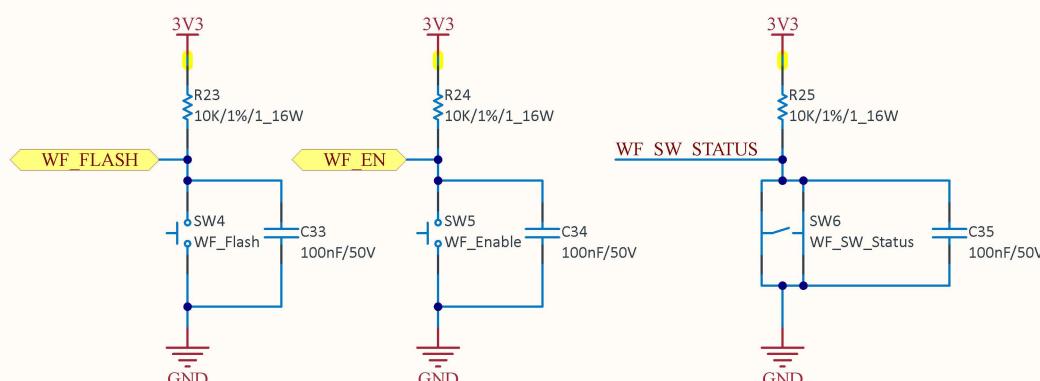


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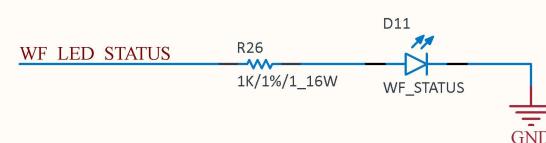
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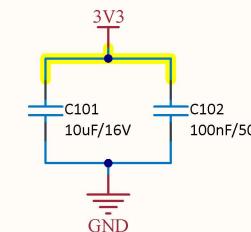
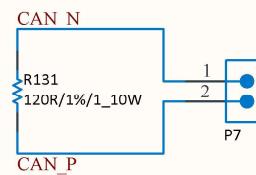
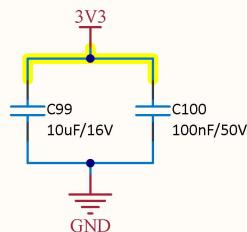
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Drawn By: Q.Thang & T.Khoa

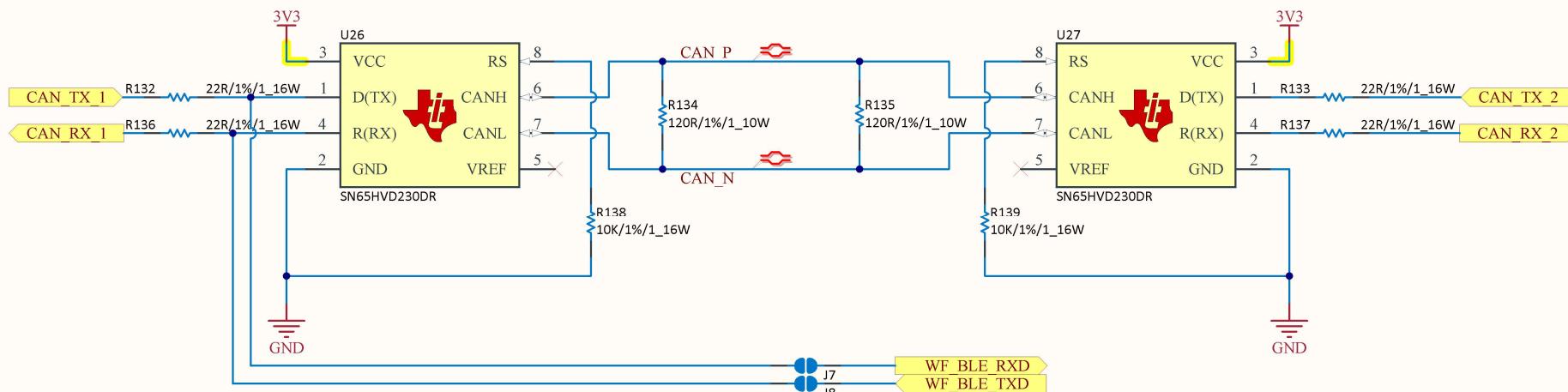
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File: ESP32_WiFi.SchDoc

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File: Communication.SchDoc

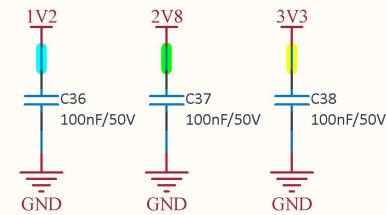
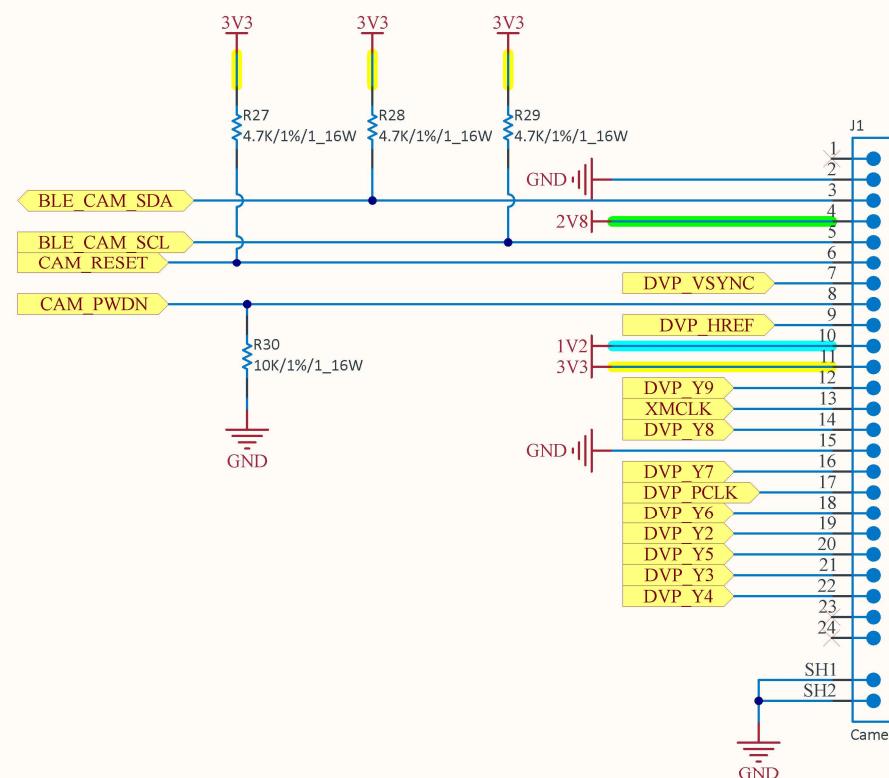
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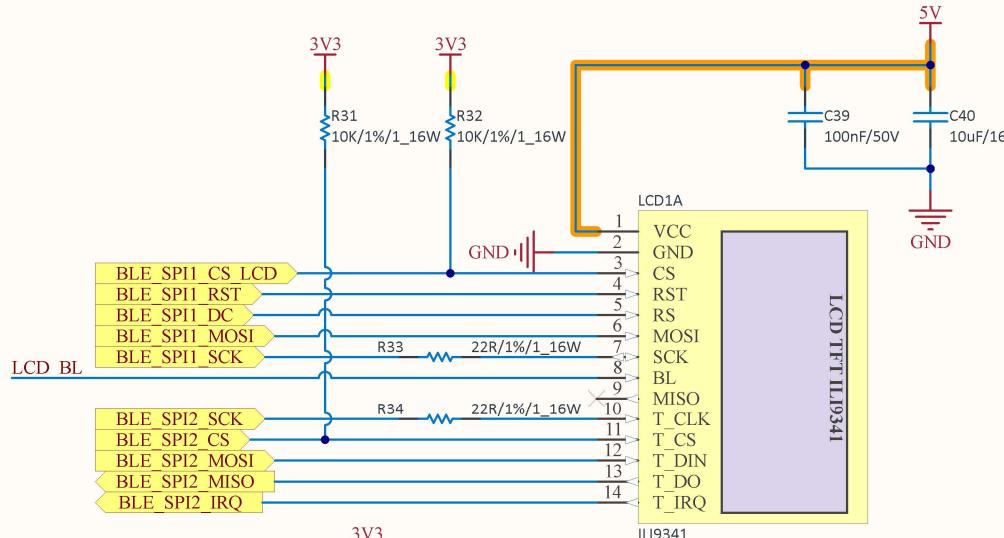
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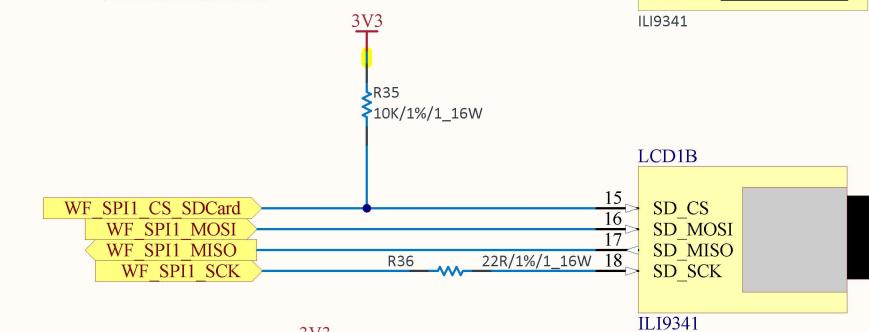
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File: Camera.SchDoc

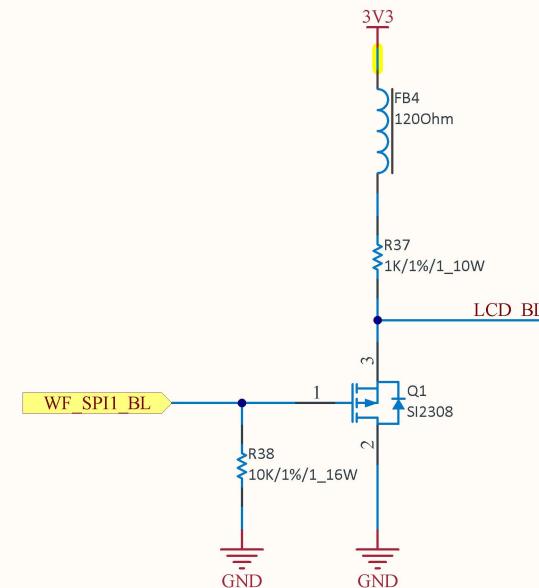
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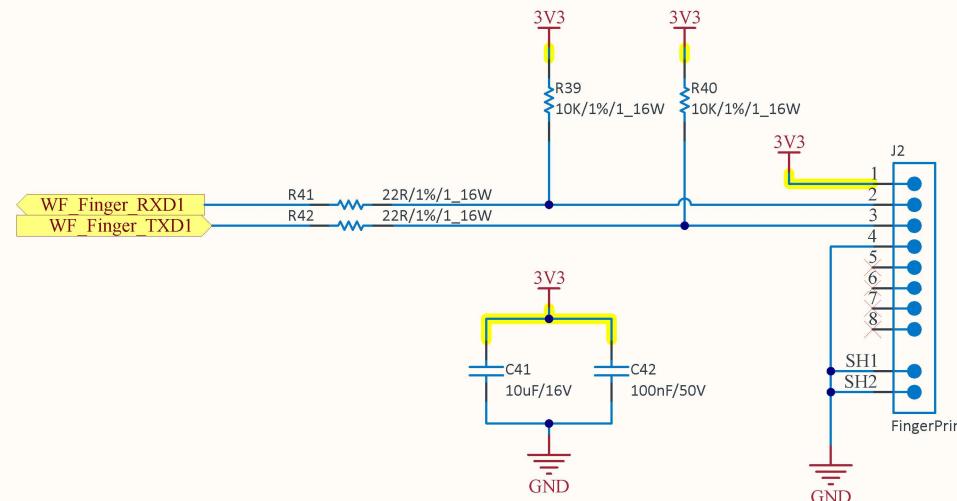
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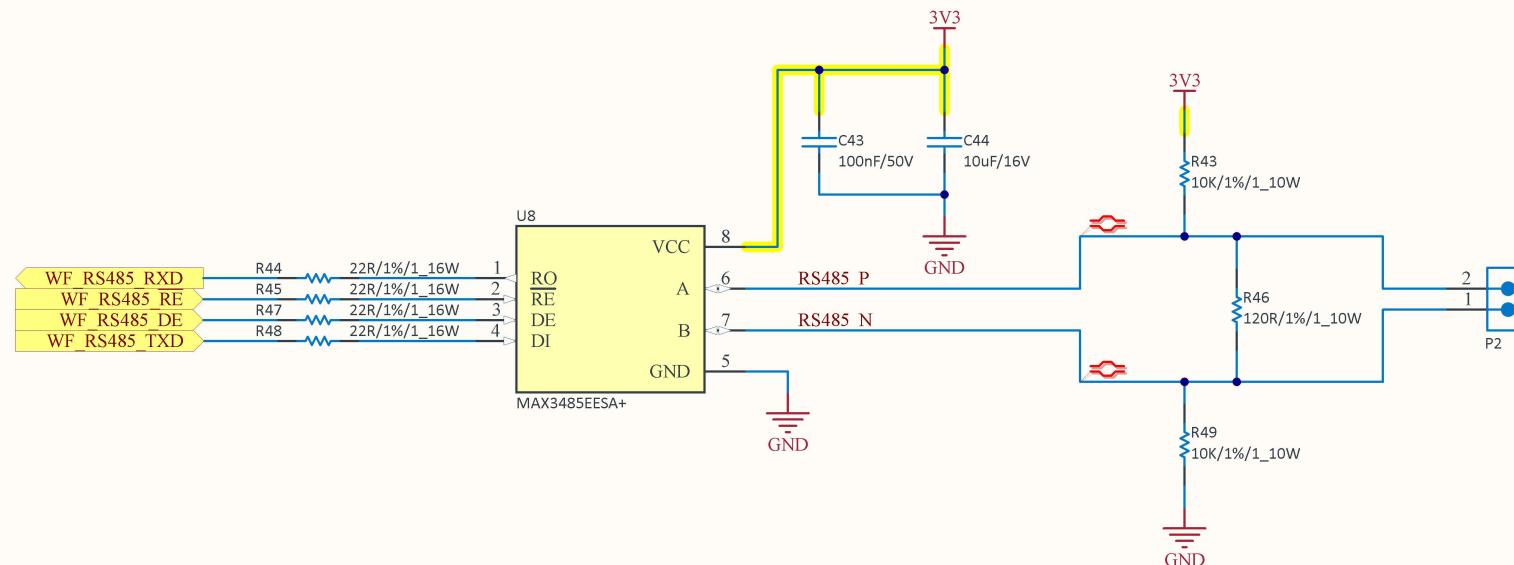
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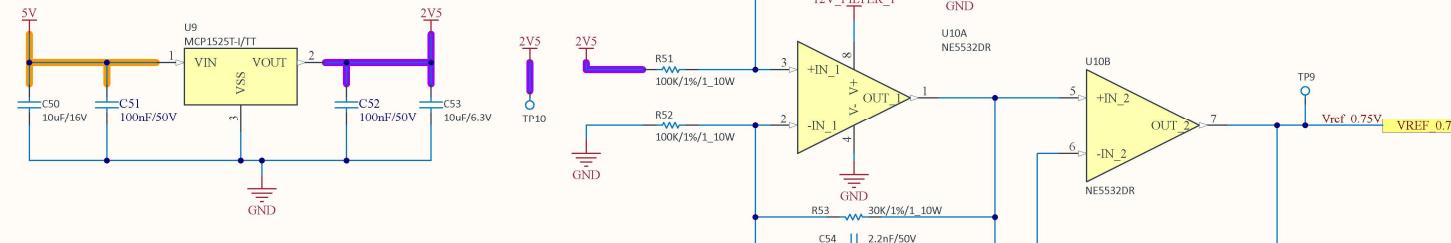
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Drawn By: Q.Thang & T.Khoa

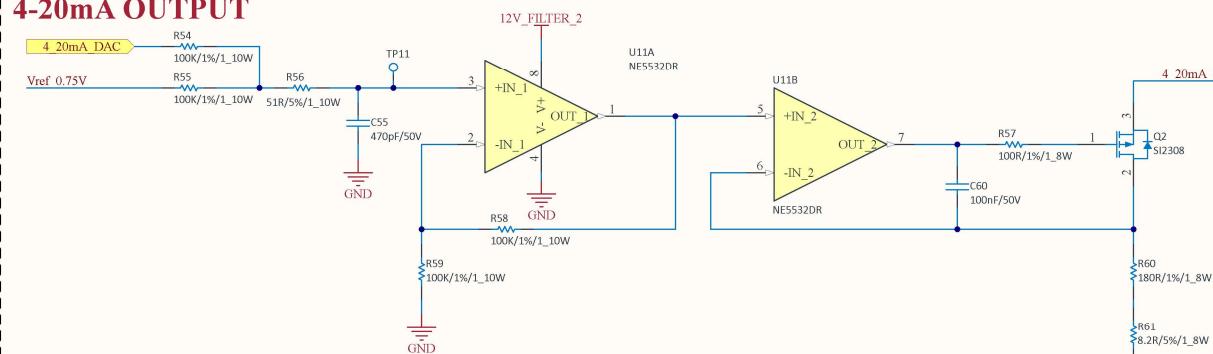
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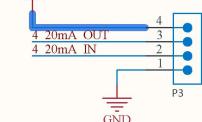
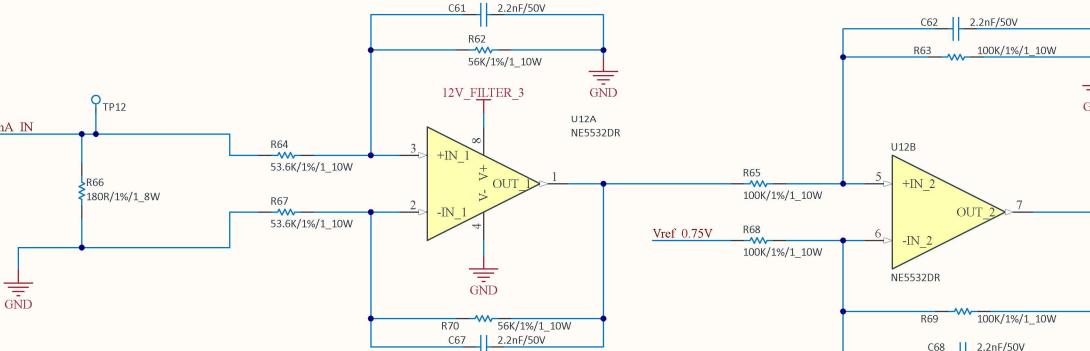
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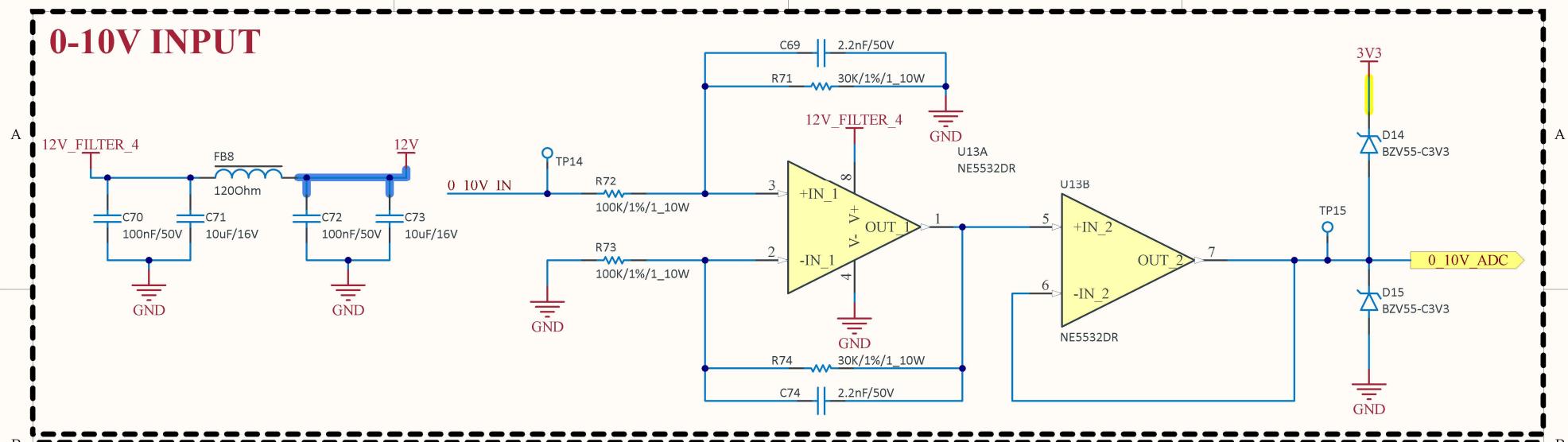


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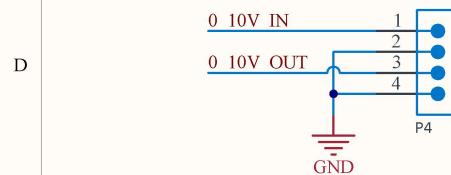
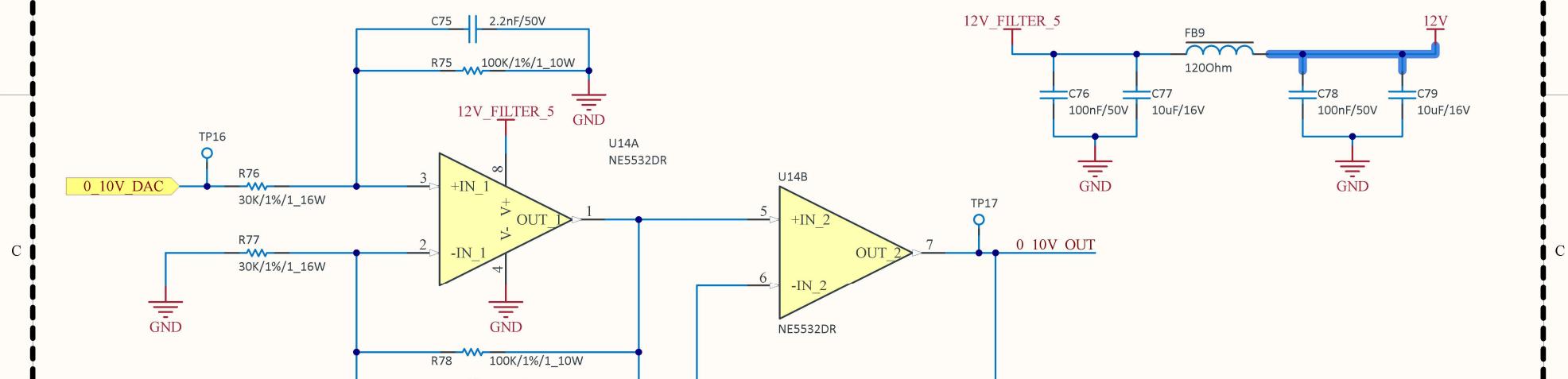


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0-10V INPUT



0-10V OUTPUT



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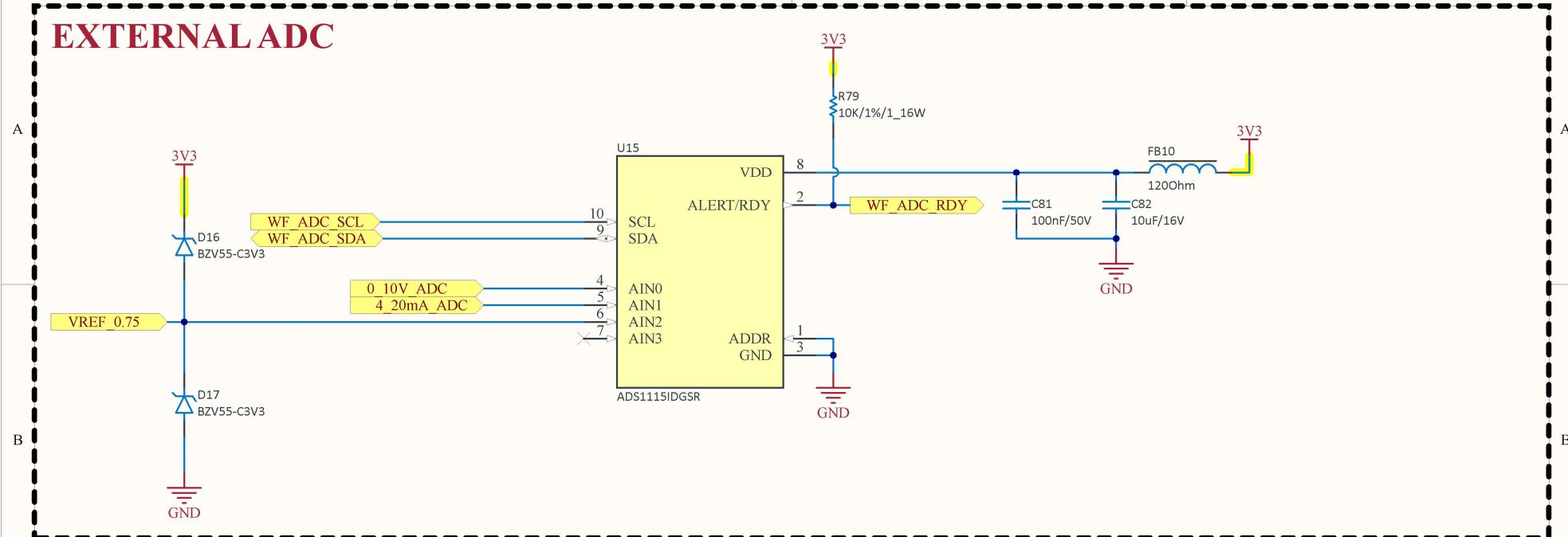
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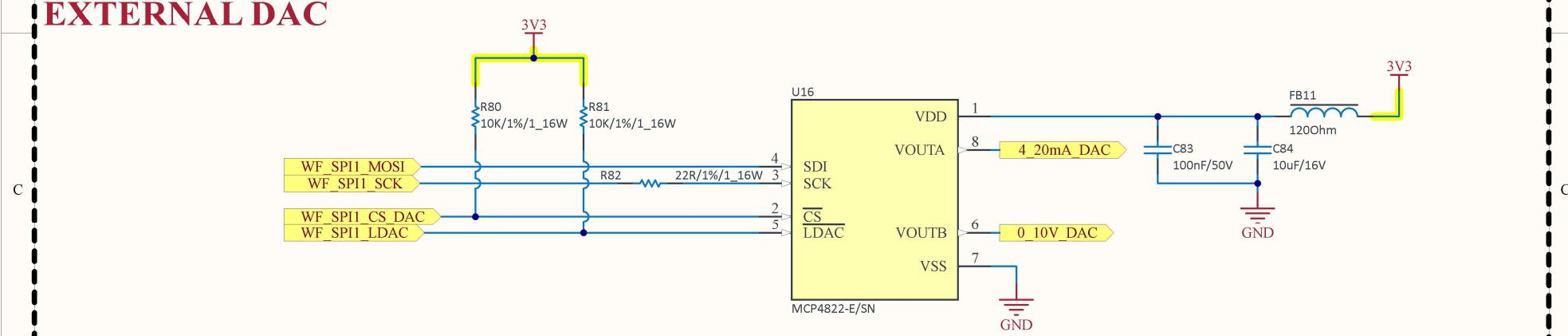
4

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EXTERNAL ADC



EXTERNAL DAC



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PIF

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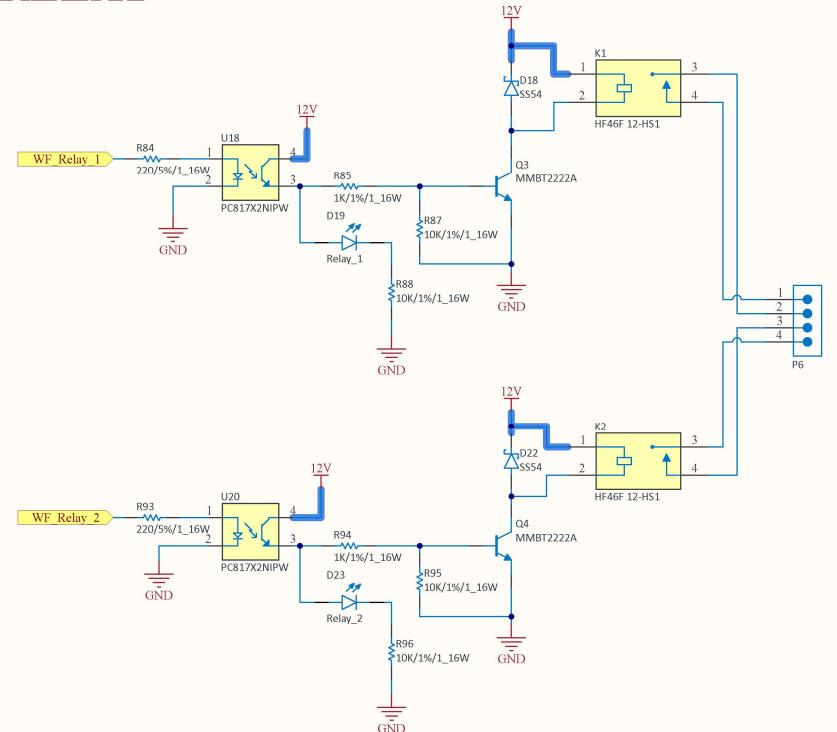
Last Modified: 2/12/2025

Drawn By: Q.Thang & T.Khoa

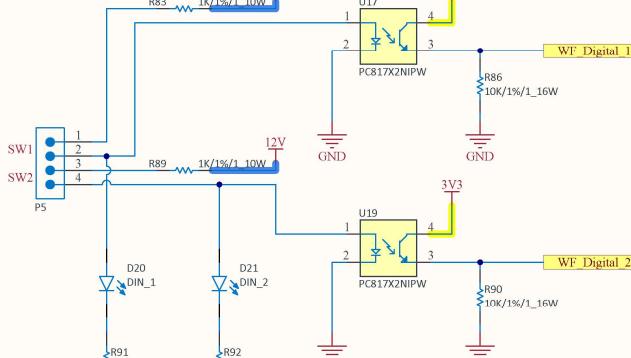
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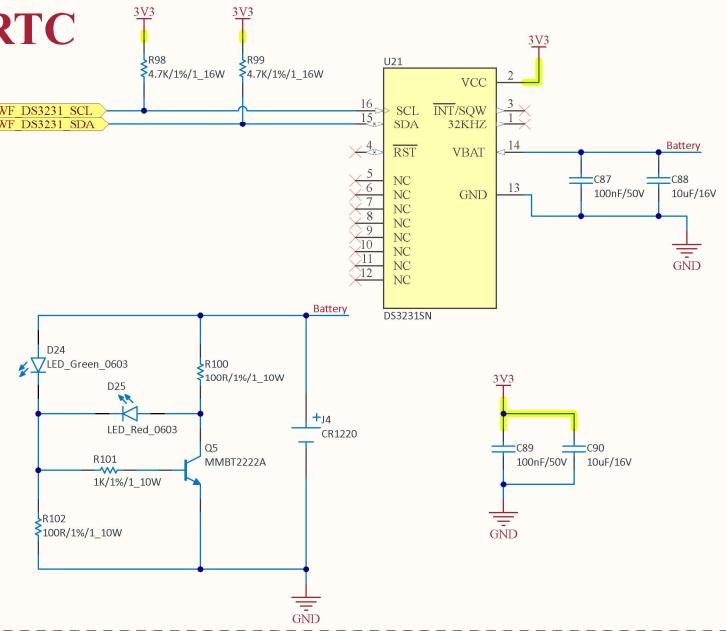
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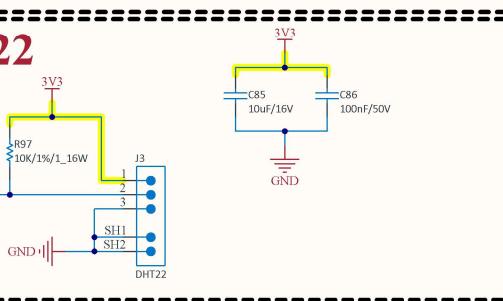
DIGITAL INPUT



RTC

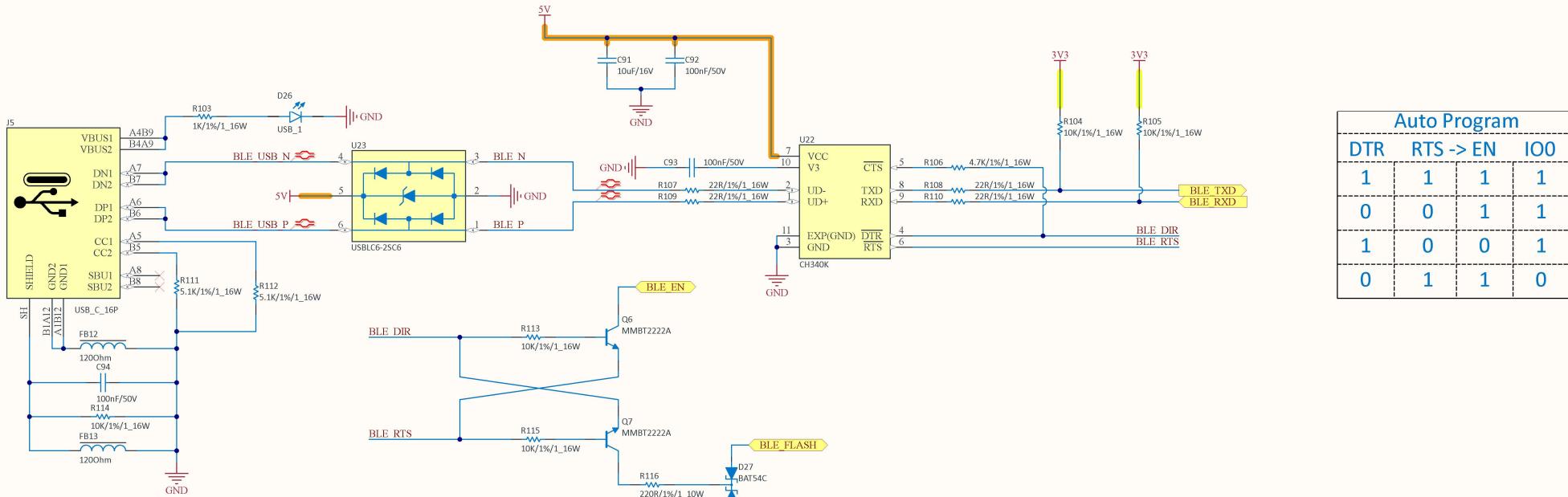


DHT22



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File:	Interface_O.SchDoc

PROGRAM ESP32-S3-Bluetooth



PROGRAM ESP32-S3-WiFi

