

1

2

3

4

A

A

B

B

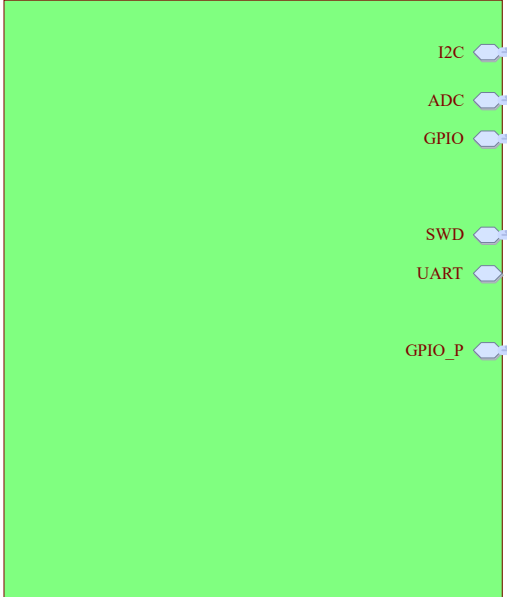
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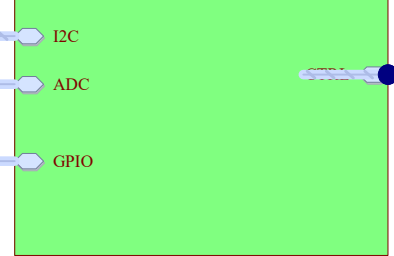
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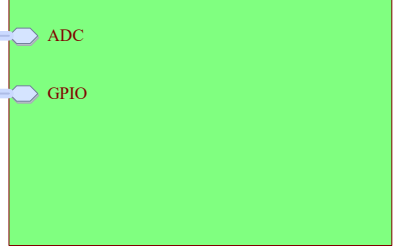
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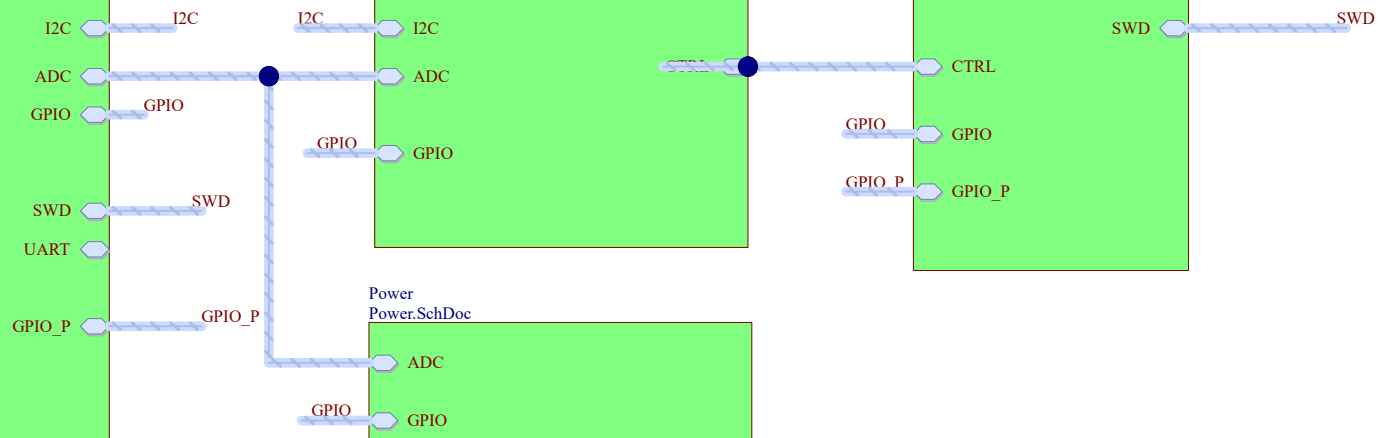
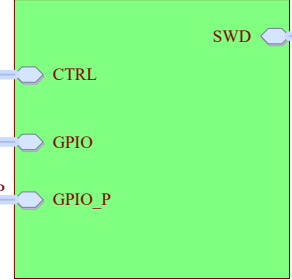
Valve Control
Control.SchDoc



Power
Power.SchDoc



Connectors
Connectors.SchDoc



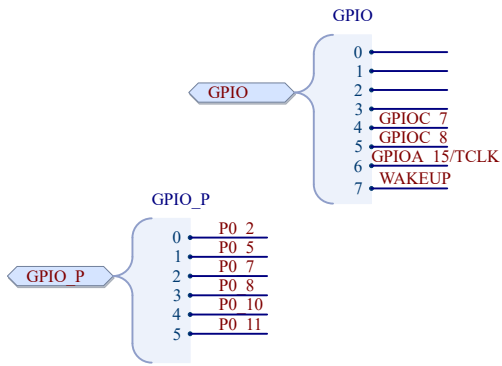
Title Smart Water Shutdown Valve			Renesas Electronics Europe Renesas Electronics Europe System Solutions Team EMEA Arcadiastraße 10 40472 Düsseldorf
Size: A4	Number: EU154-1	Revision: V0.01	
Date: 4/26/2023	Time: 10:56:24	Sheet: 1 of 5	
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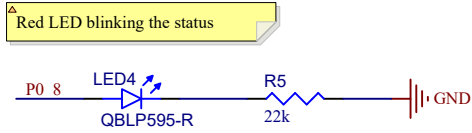
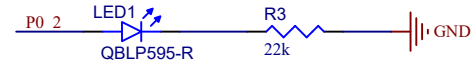
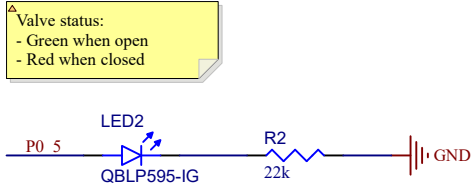
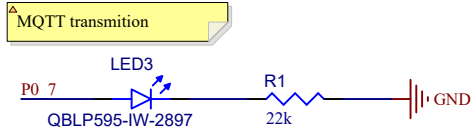
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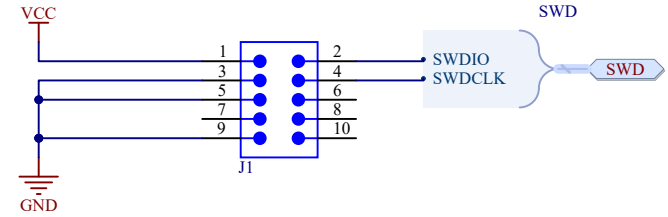
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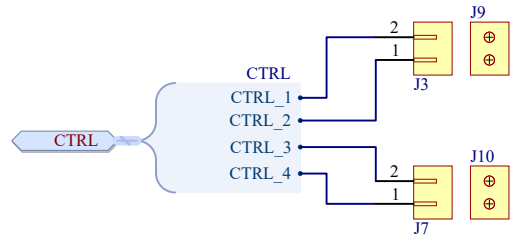
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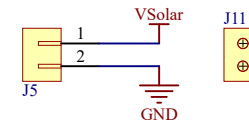
SWD Debug Connector



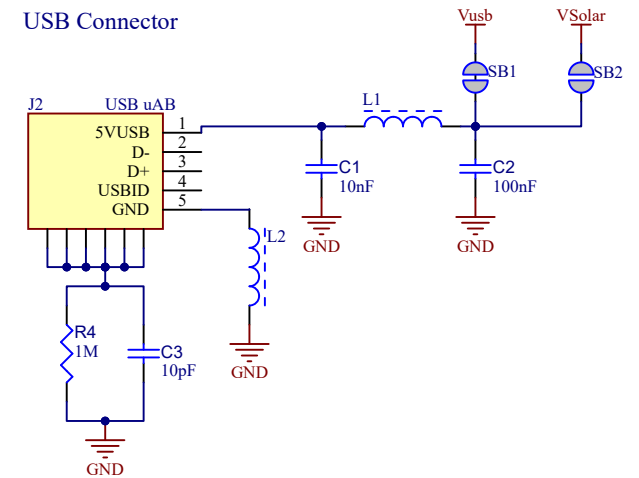
H-Bridges Output Connectors



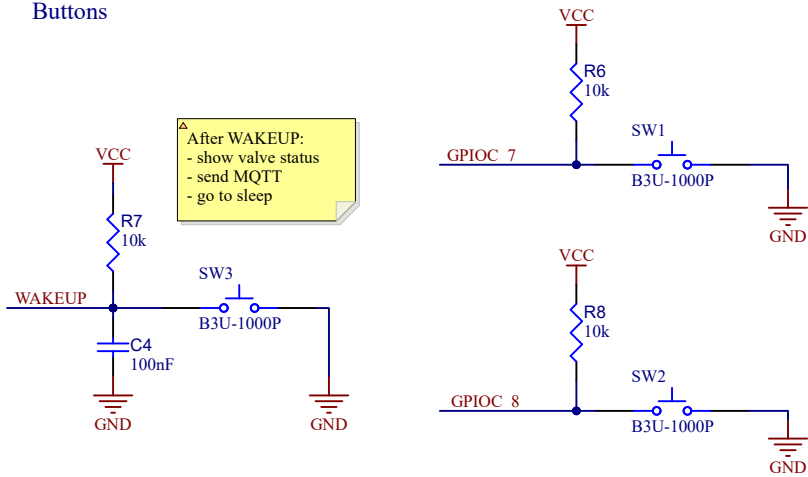
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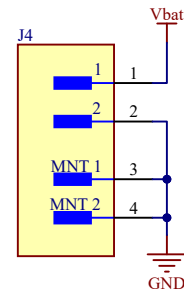
USB Connector



Buttons



Battery Connector



Title **Smart Water Shutdown Valve**

Renesas Electronics Europe
 Renesas Electronics Europe
 System Solutions Team EMEA
 Arcadiastraße 10
 40472 Düsseldorf



Size: A4

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Revision: V0.01

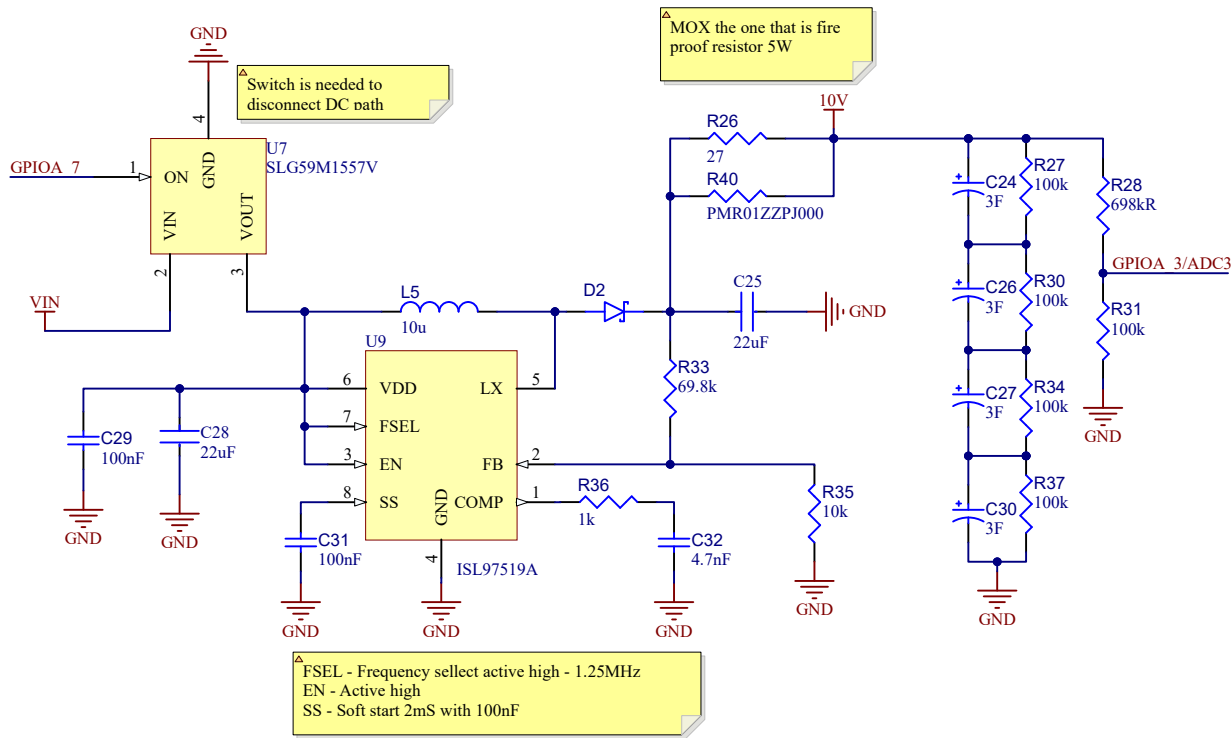
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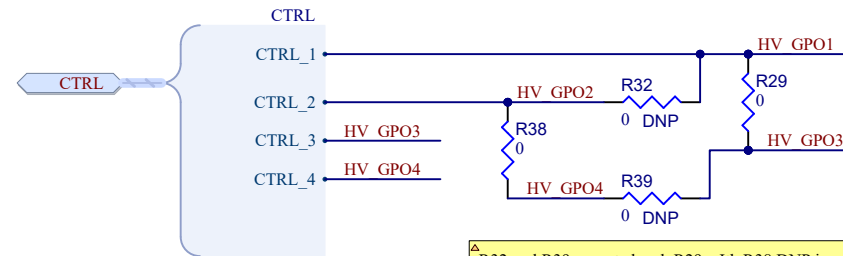
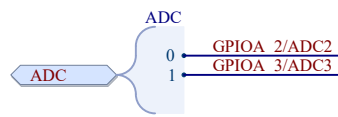
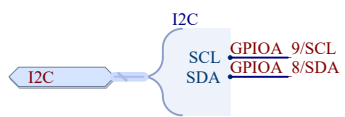
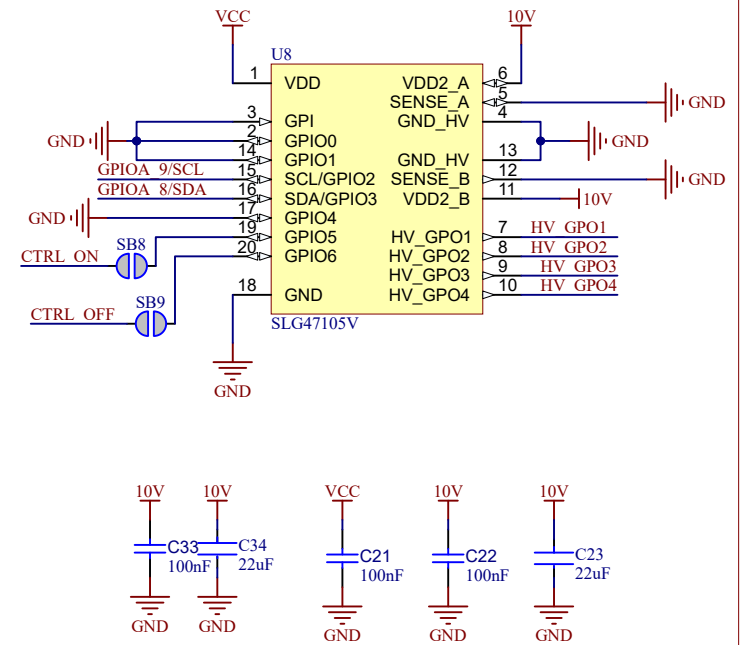
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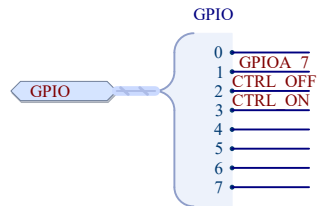
Boost Converter for the Solenoid

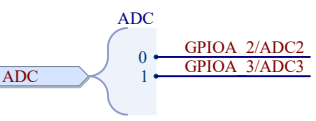
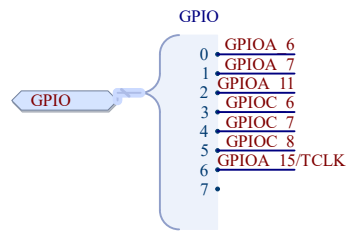


HVPAK for Solenoid Driving

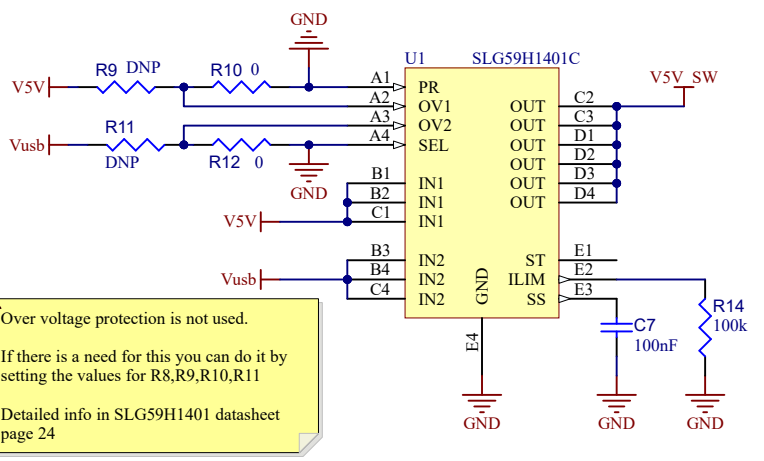


R32 and R39 mounted and R29 with R38 DNP in case SLG47115V is used

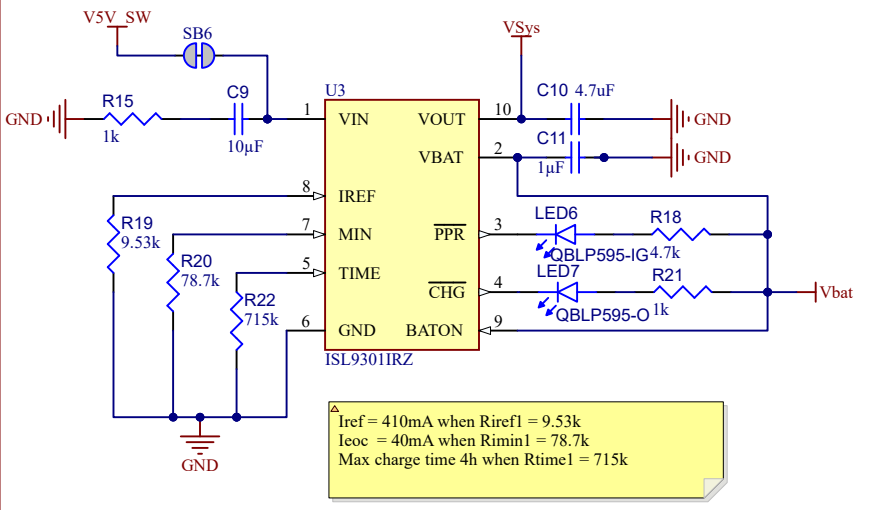




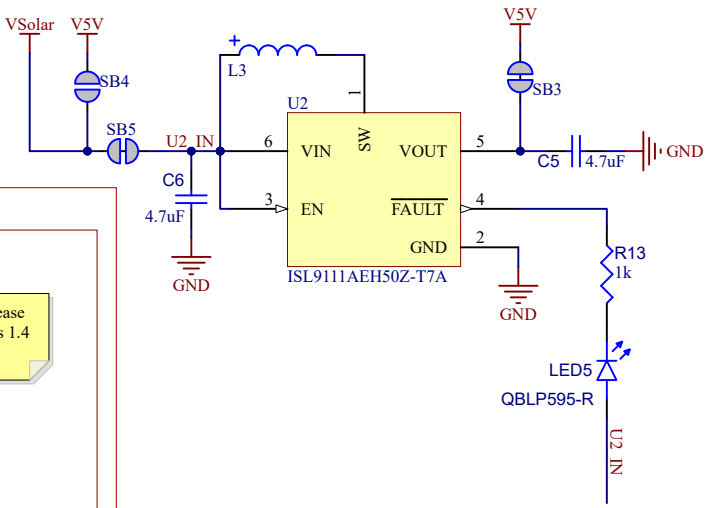
Power Switch



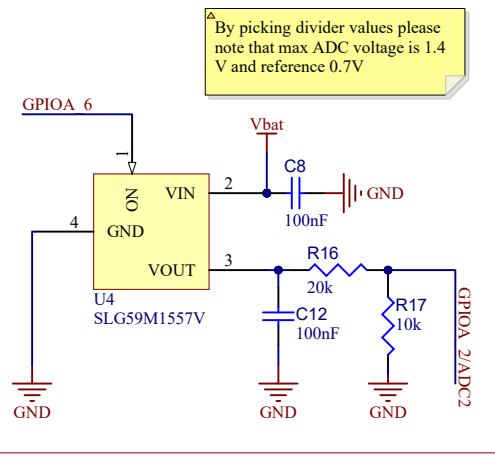
Battery Charger



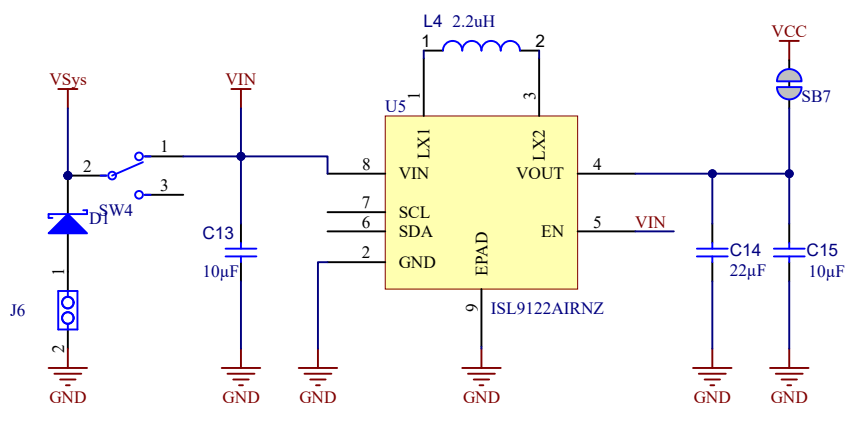
Solar Panel Boost Converter

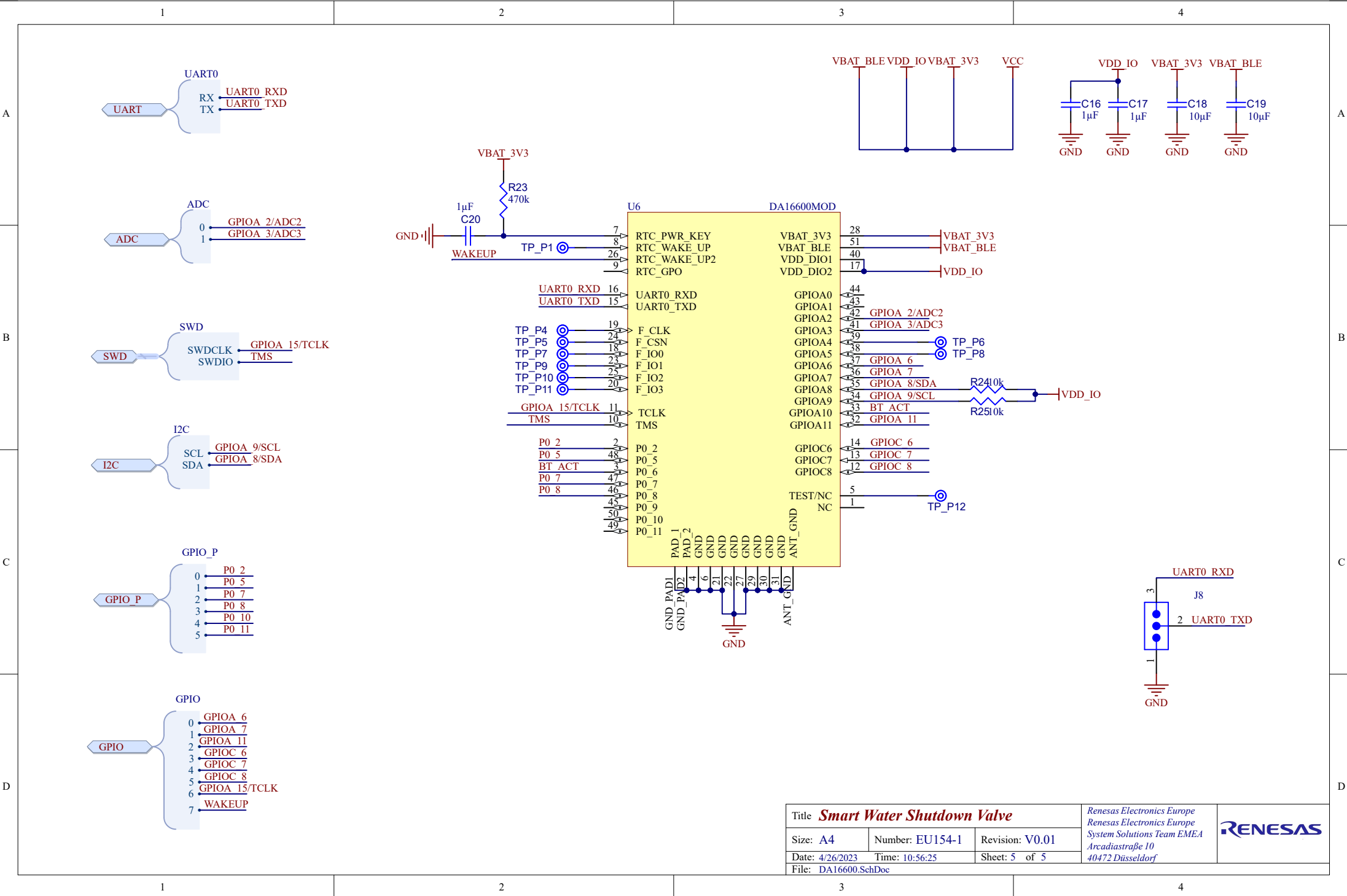



Battery Voltage Measurement



Buck Boost Converter





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