Title **RcMPPT-Top BMS**

Size: A4

Number:0

Revision:2.0

Date: 18.12.2021

Time: 19:53:25

Sheet 1 of 5

File: RcMPPT-Top.SchDoc

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RcMPPT

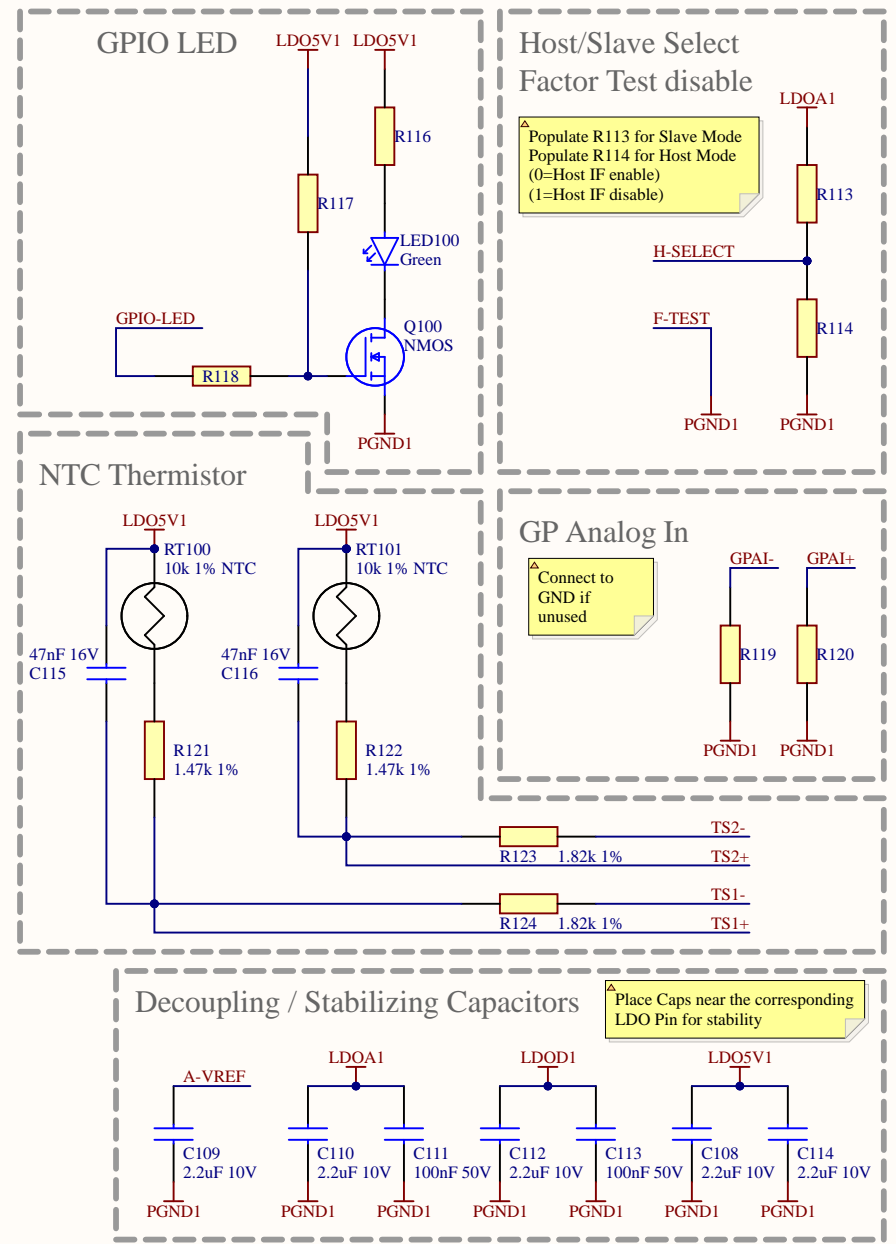
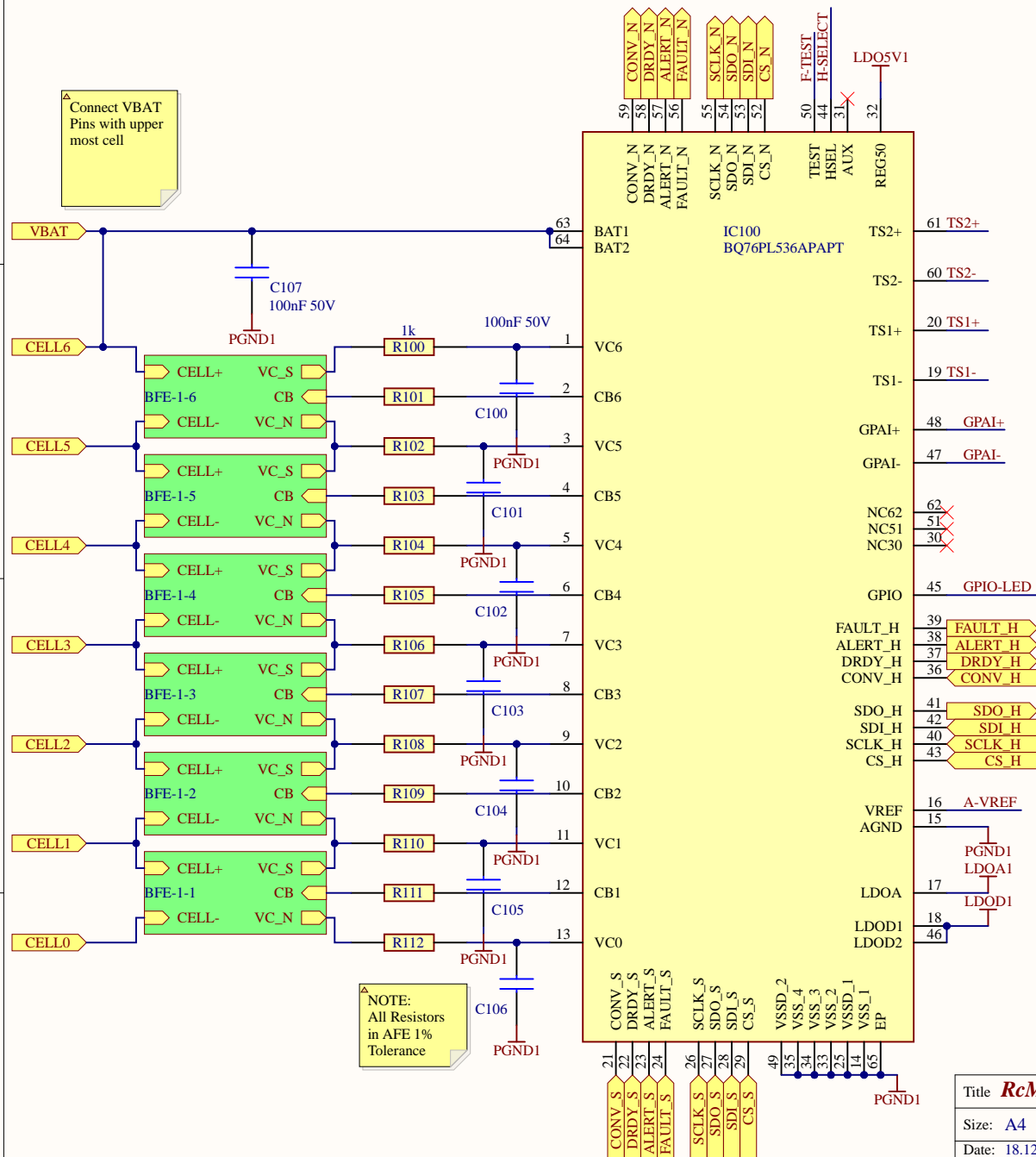
A

△ Connect VBAT Pins with upper most cell

B

C

D



A

B

C

D

Title **RcMPPT-BMS-AFE-I**Size: **A4**Number: **2**Revision: **2.0**Date: **18.12.2021**Time: **19:53:26**Sheet **2** of **5**File: **RcMPPT-BMS-AFE1.SchDoc**

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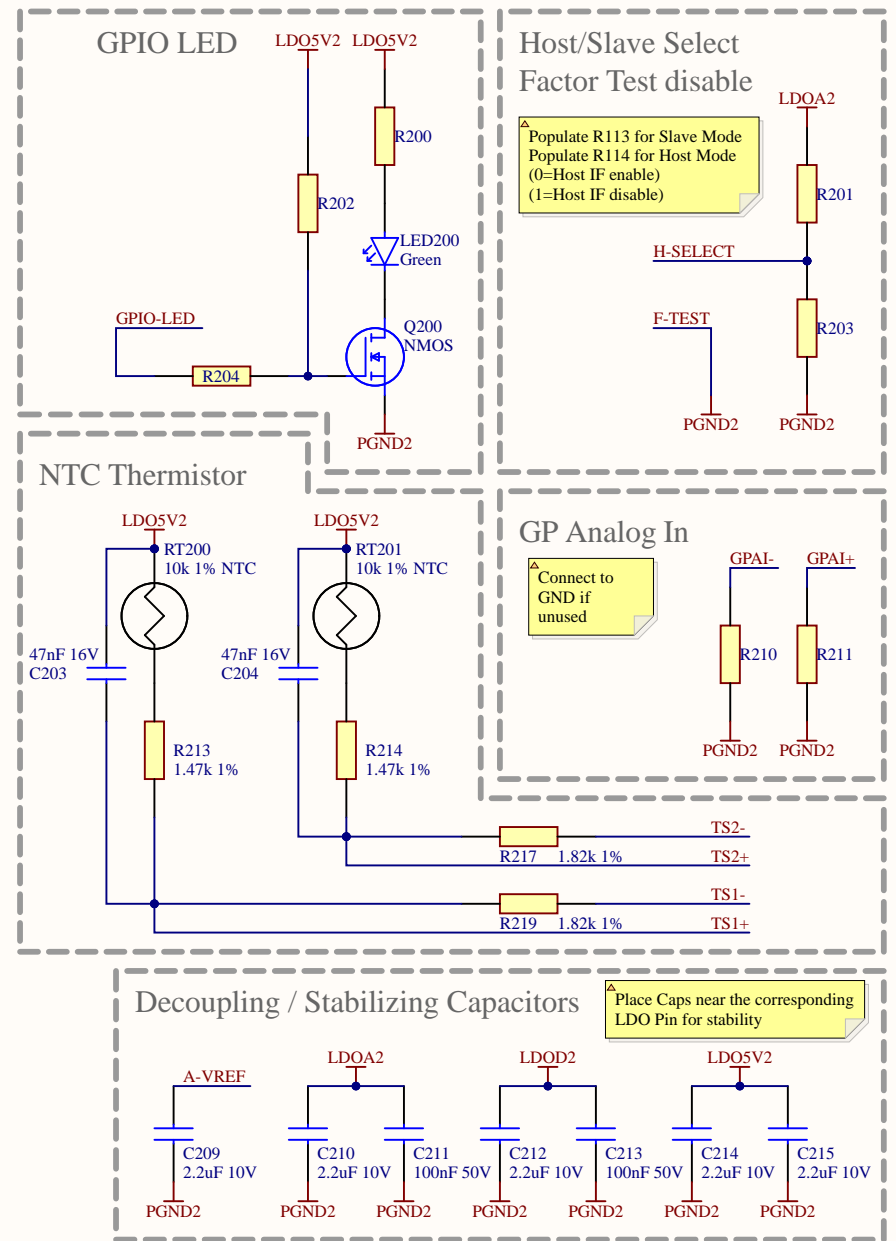
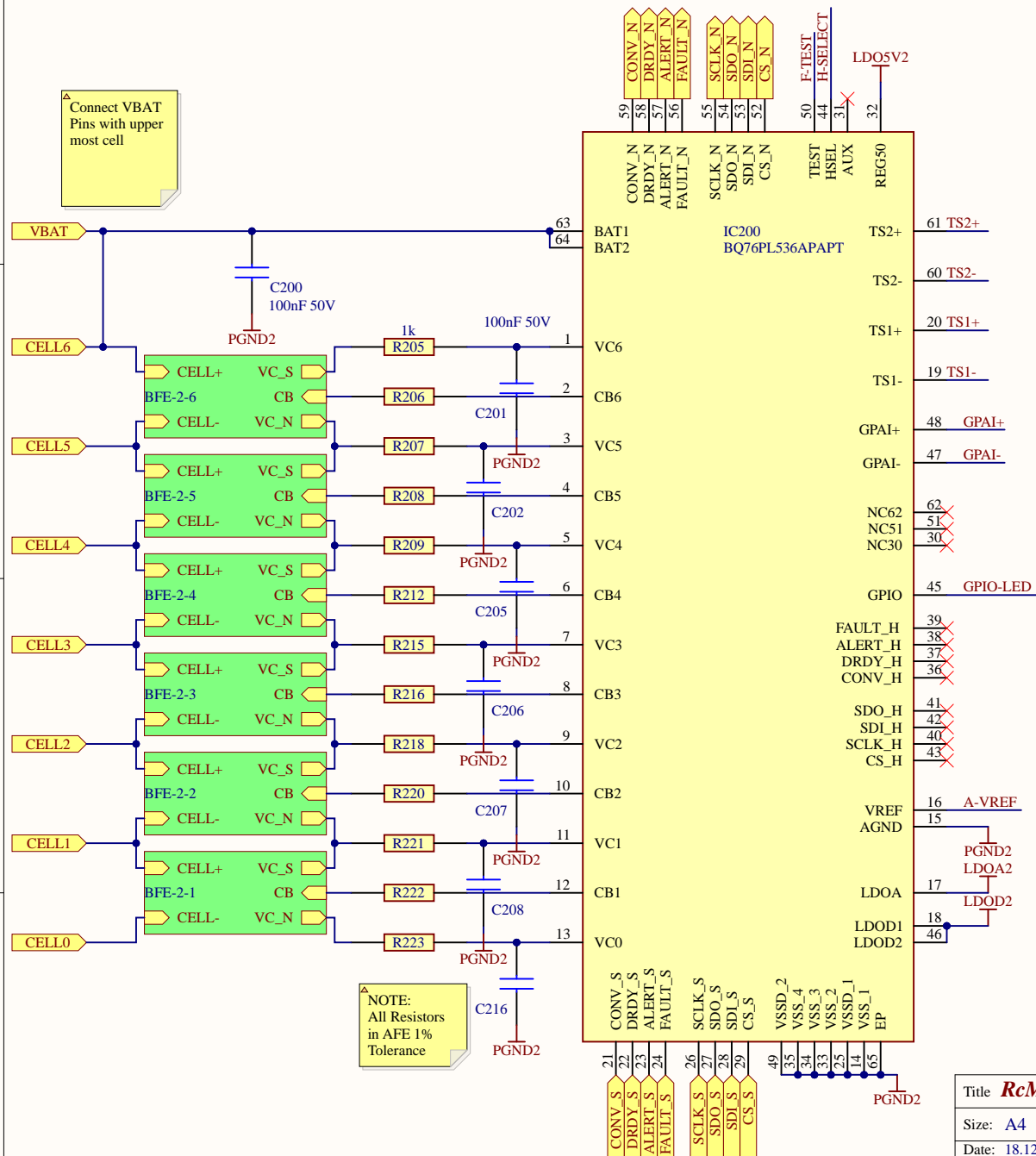
A

Connect VBAT Pins with upper most cell

B

C

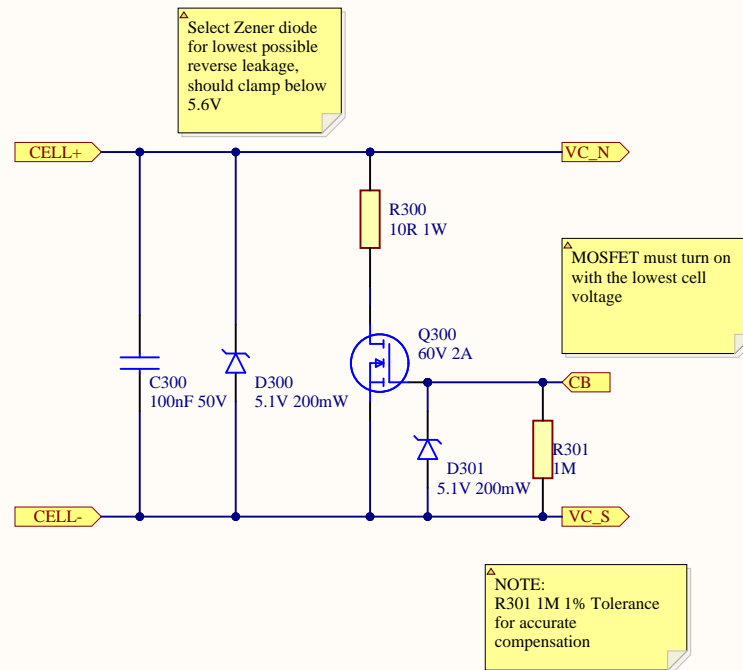
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Title **RcMPPT-BMS-AFE2**Size: **A4**Number: **3**Revision: **2.0**Date: **18.12.2021**Time: **19:53:26**Sheet **3** of **5**File: **RcMPPT-BMS-AFE2.SchDoc**

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Title **RcMPPT-BMS-BFE**

Size: **A4**

Number: **4**

Revision: **2.0**

Date: **18.12.2021**

Time: **19:53:26**

Sheet **4** of **5**

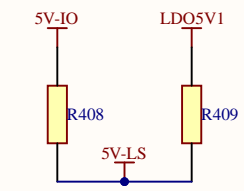
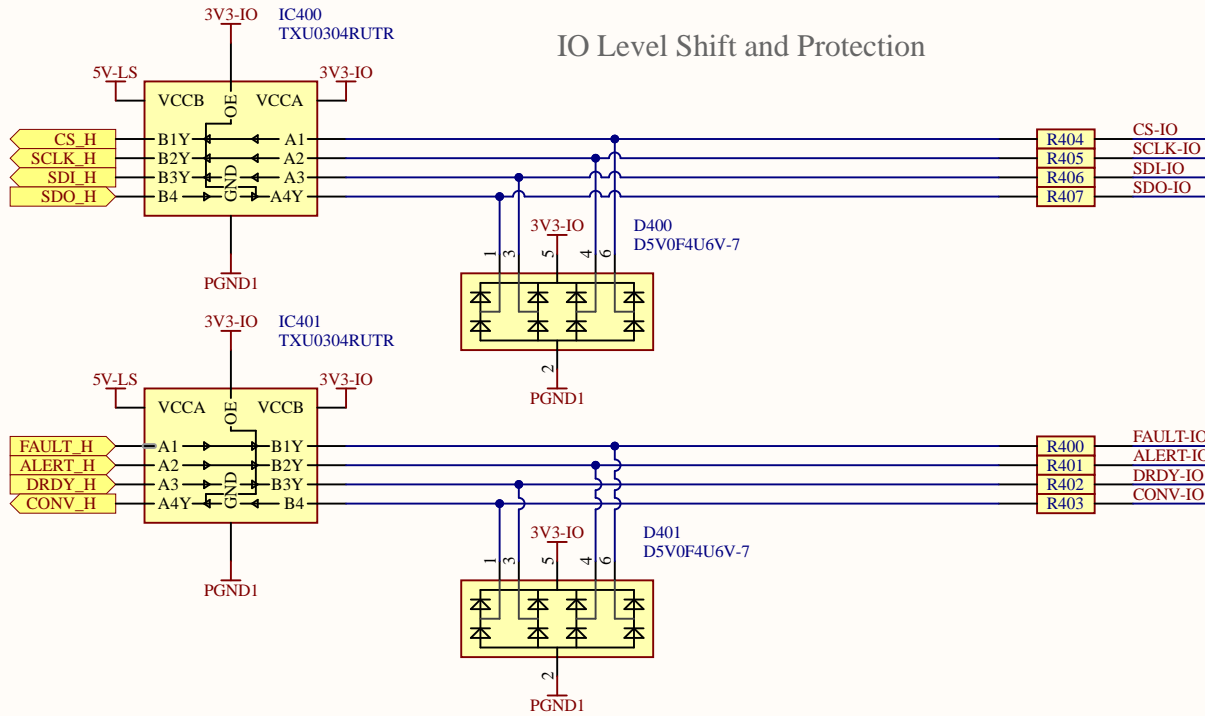
File: **RcMPPT-BMS-BFE.SchDoc**

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IO Level Shift and Protection

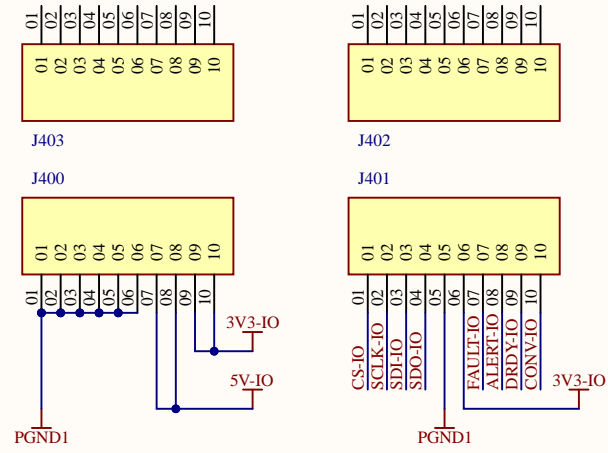
Level Shifter IO Voltage selection



Choose between on-Board 5V LDO and external 5V supply.

External 5V supply might be necessary because of the internal LDO shutting down in SLEEP Mode -> no wakeup

IO Connector Population



May be modified due to changes in layout

Title RcMPPT-BMS-IO		
Size: A4	Number: 5	Revision: 2.0
Date: 18.12.2021	Time: 19:53:26	Sheet 5 of 5
File: RcMPPT-IO.SchDoc		

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