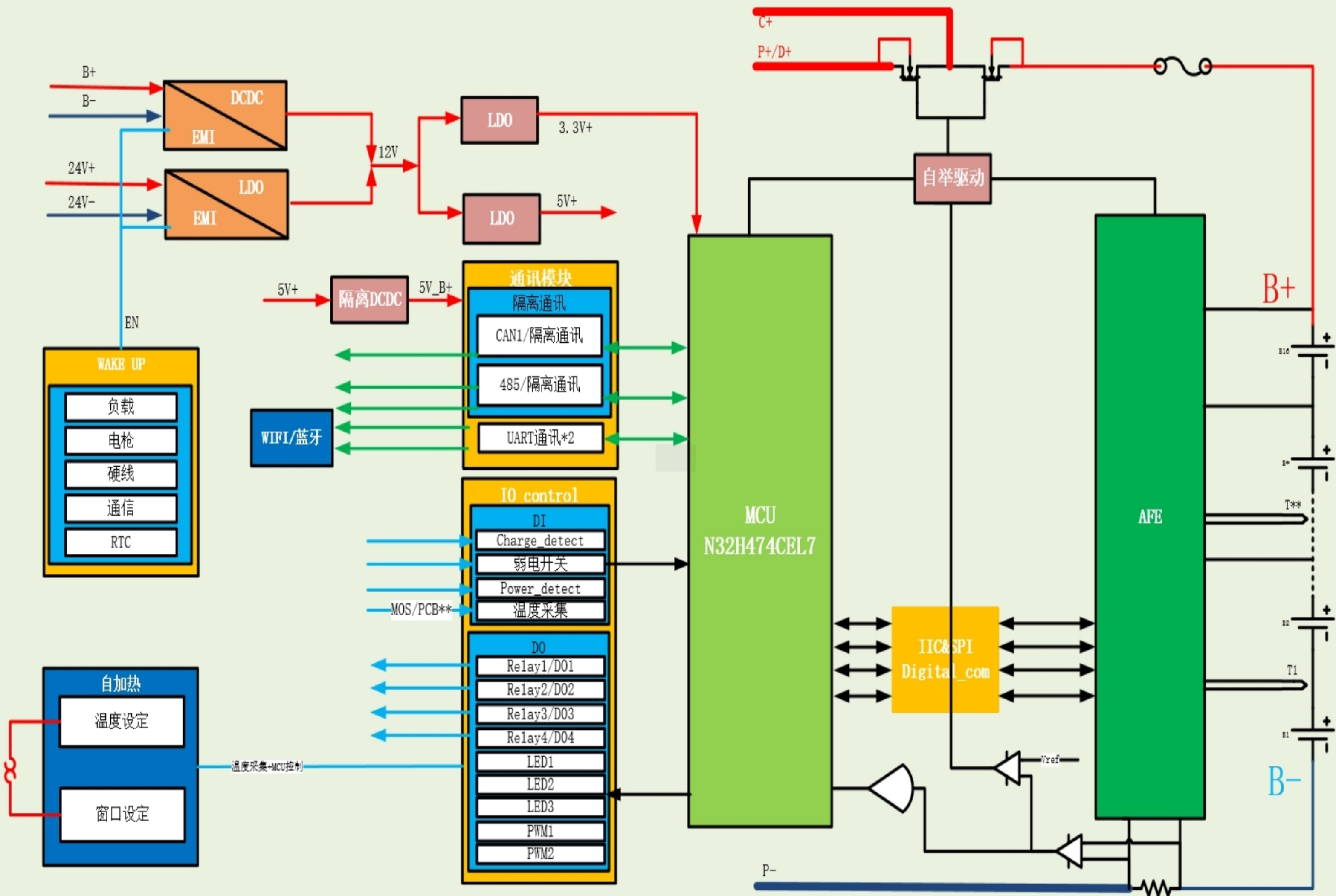
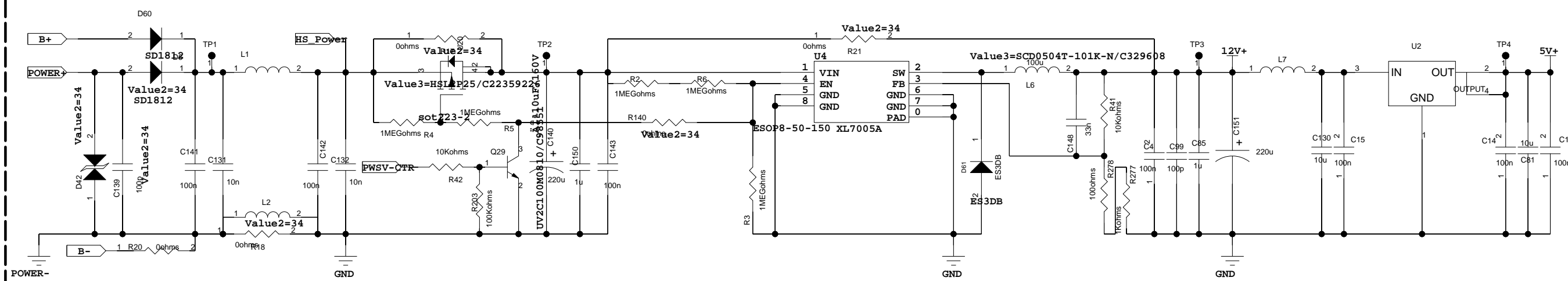
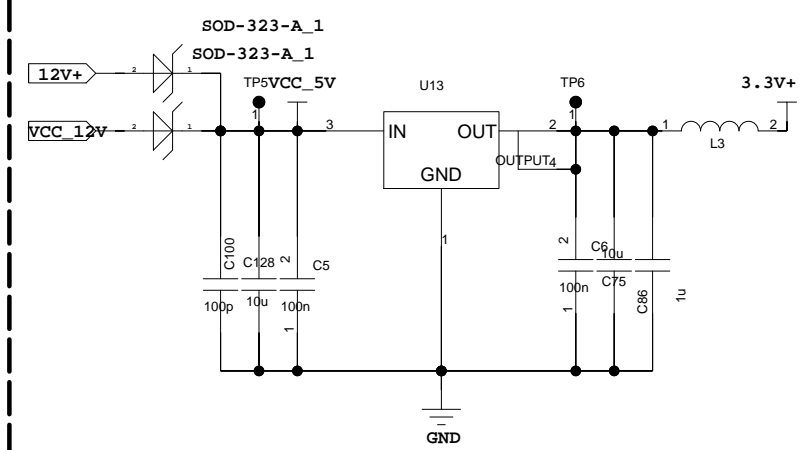


低压保护板硬件架构

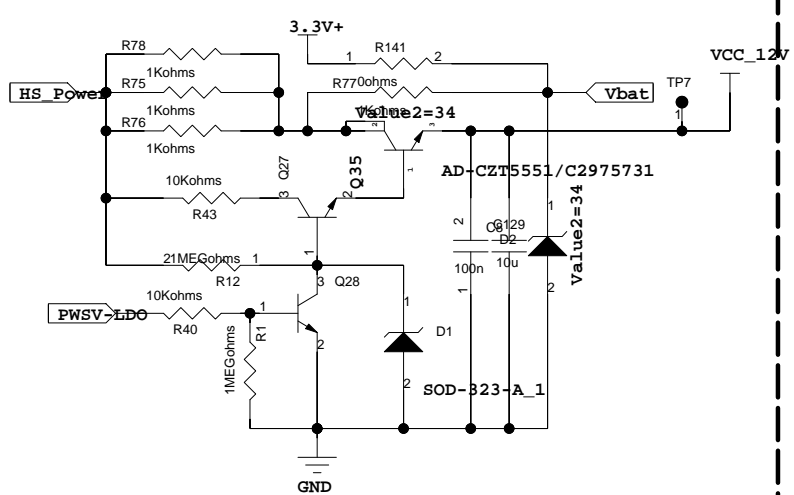




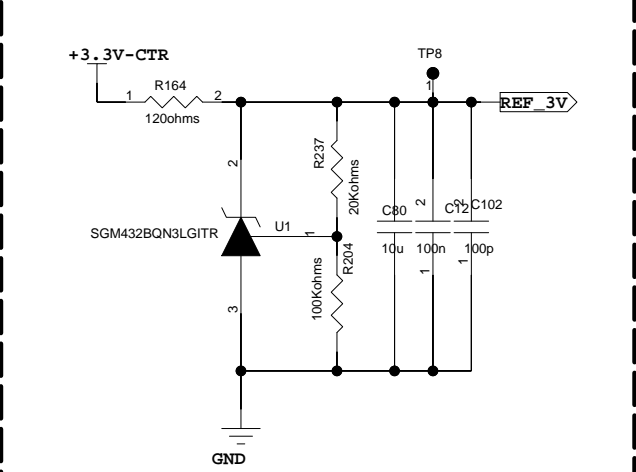
Switch_Power



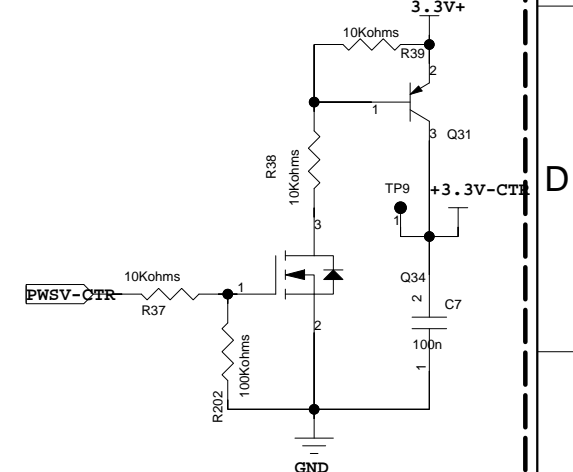
MCU_POWER



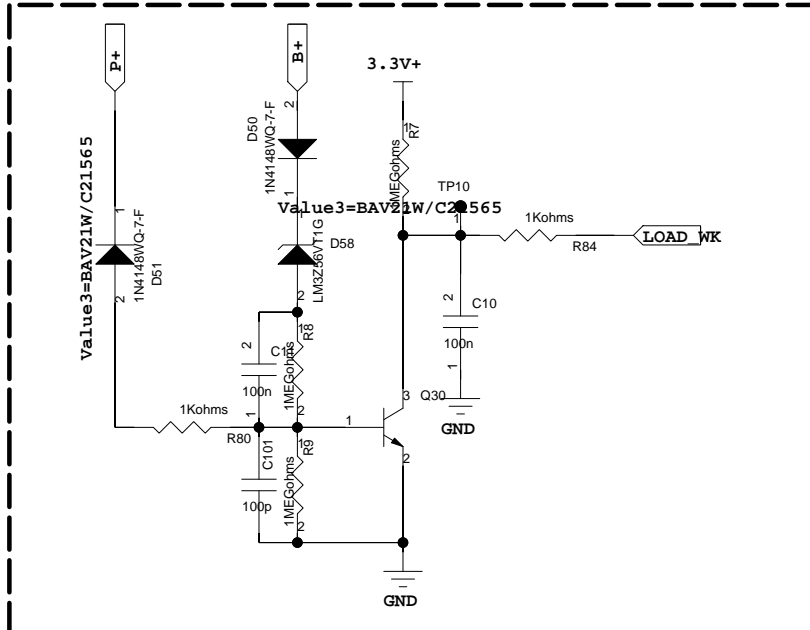
Continuous power



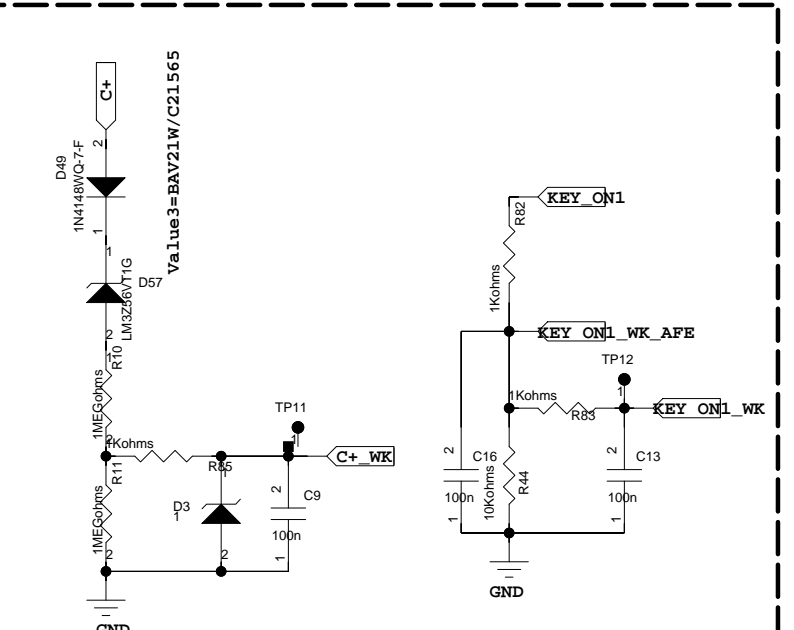
REF_3V



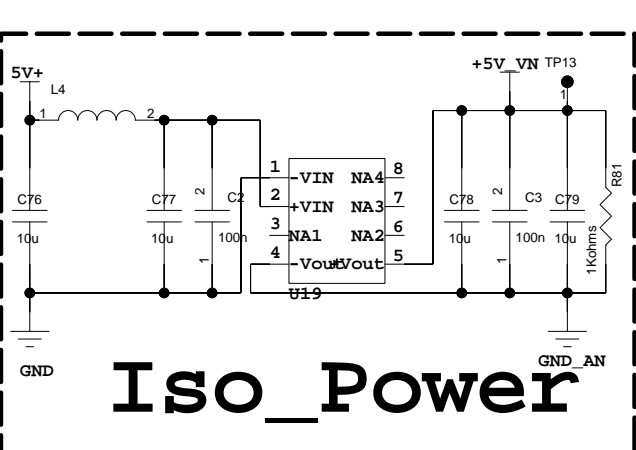
3.3V_Control



LOAD_WAKE-UP



C+/KEYON_WAKE-UP



Iso_Power

PRODUCT	BMS_24P04_01A
SHEET Name	01:PWR
SHEET	2 / 8
Designer	Hardware Engineer
Reviewed	Project Manager
Standardized	Hardware Manager
Approved	Su Liangqin
Date	23/04/2025:15:32

R X

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F

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C

B

A

F

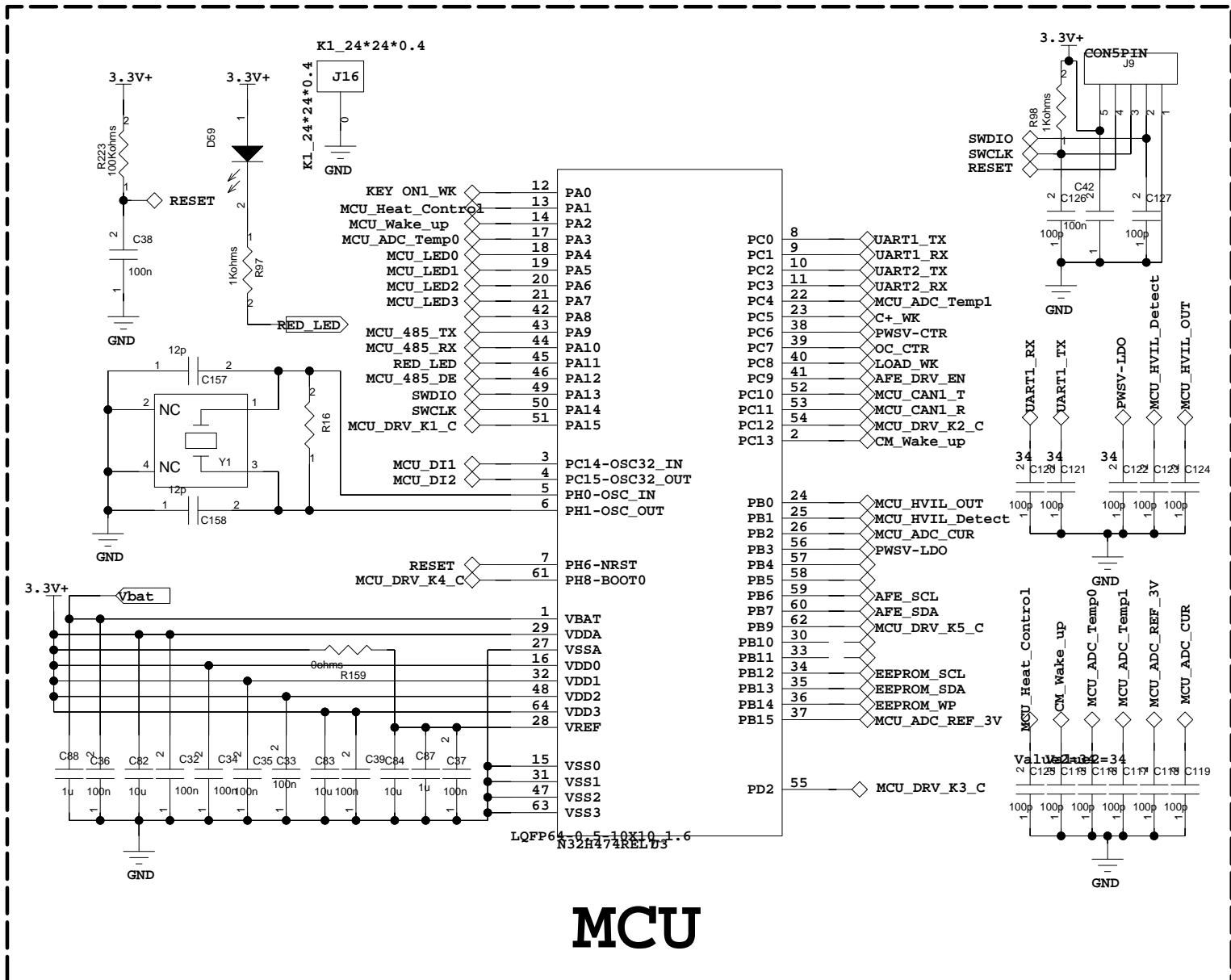
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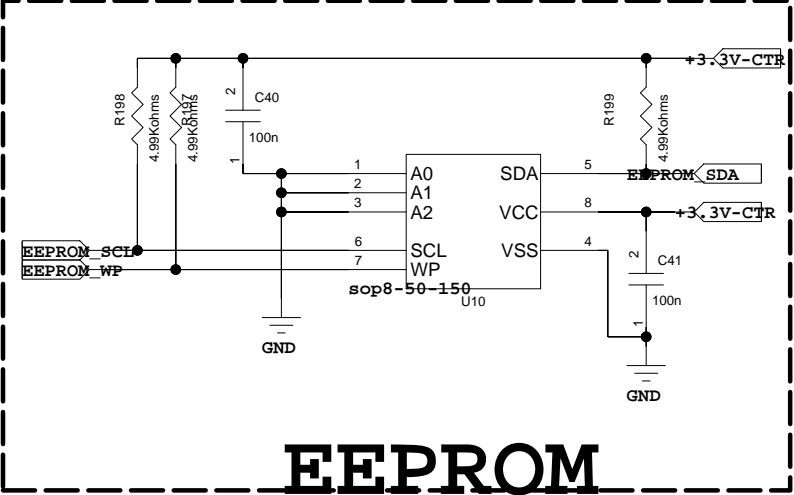
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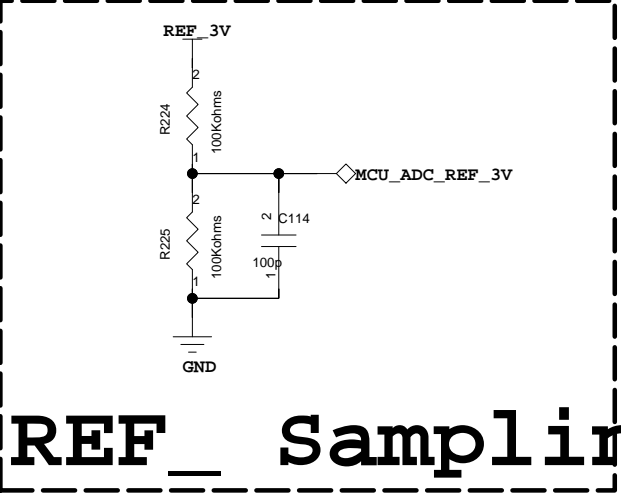
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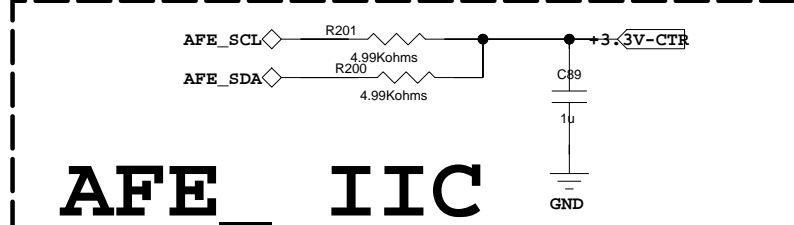
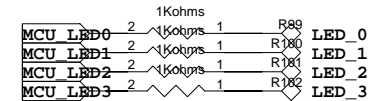
MCU



EEPROM



REF_SamplingLED_Control

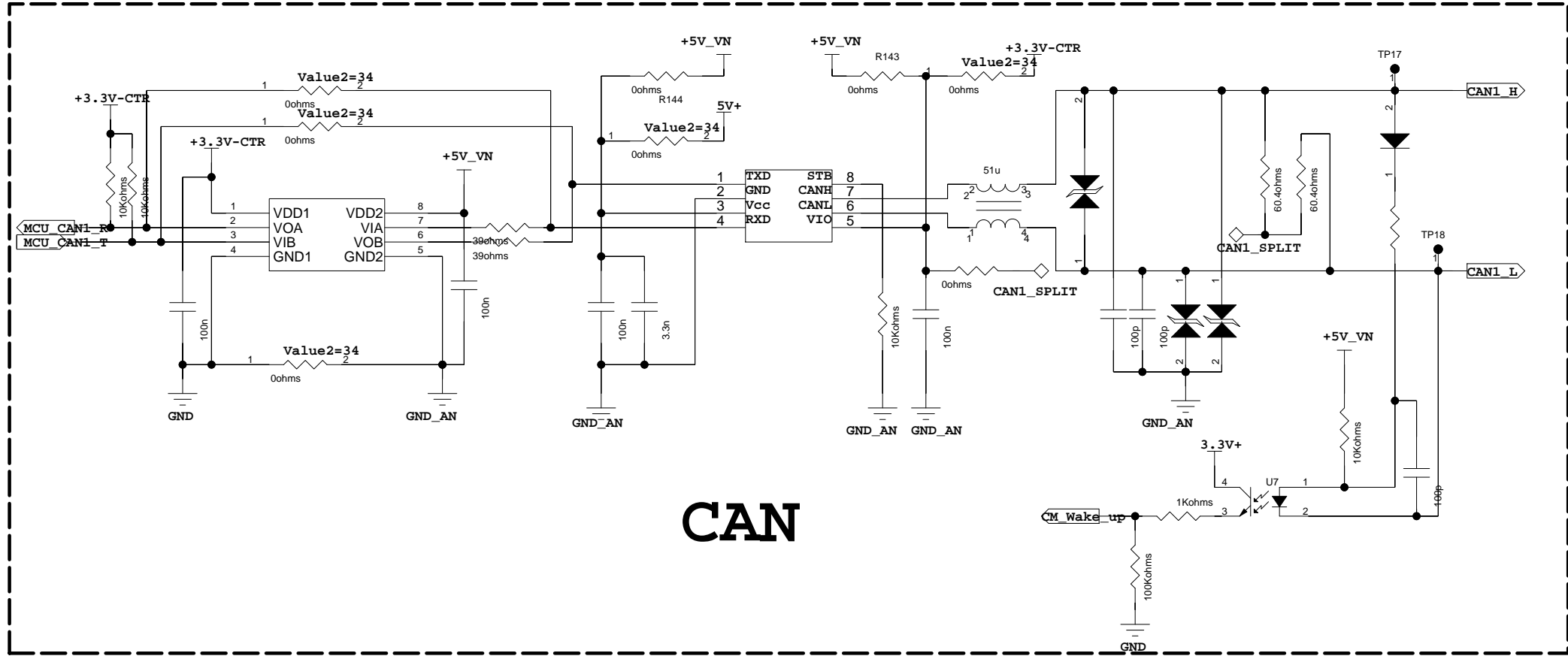


AFE_IIC

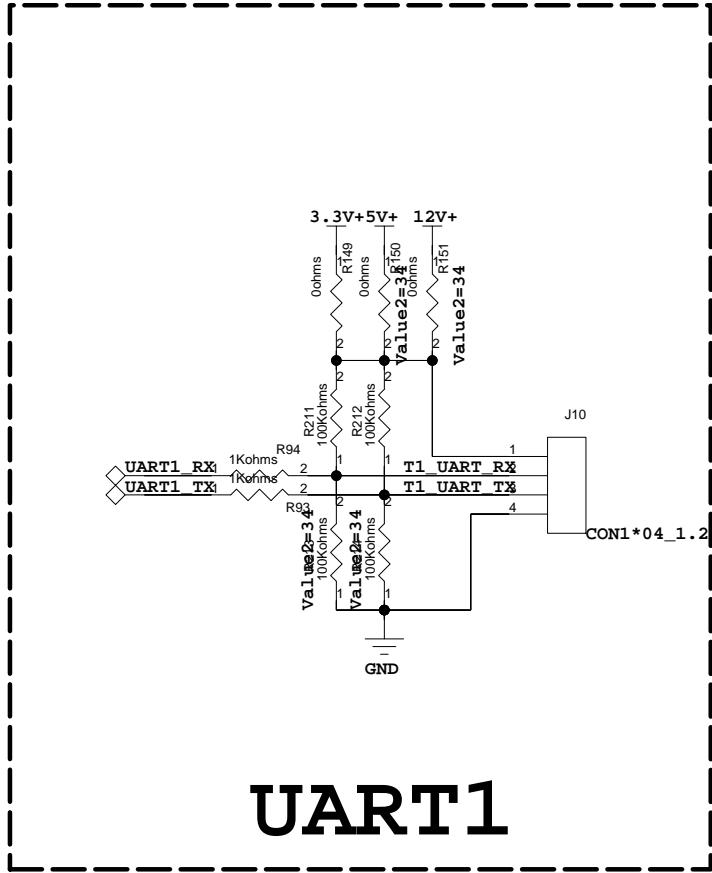
PRODUCT	BMS_24P04_01A
SHEET Name	02:MCU
SHEET	3 / 8
Designer	Hardware Engineer
Reviewed	Project Manager
Standardized	Hardware Manager
Approved	Su Liangqin
Date	23/04/2025:15:22

R X

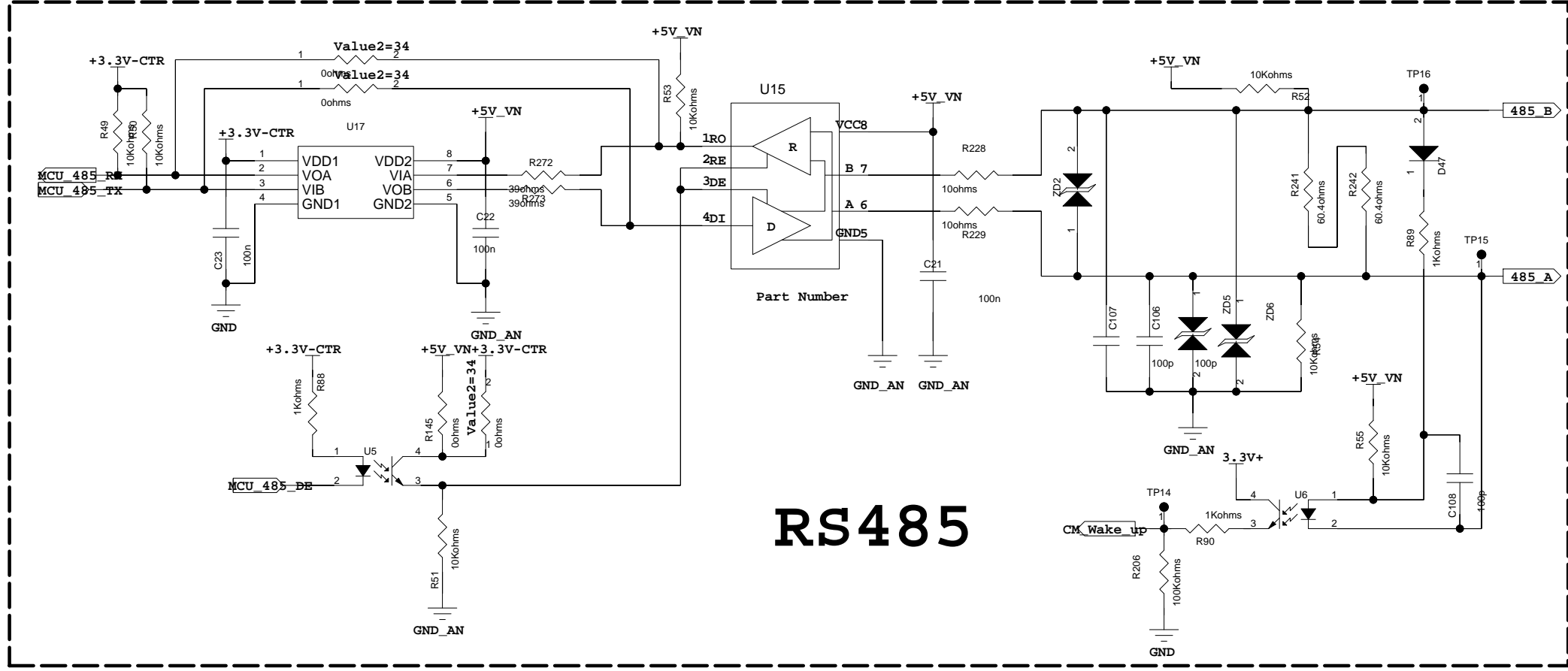
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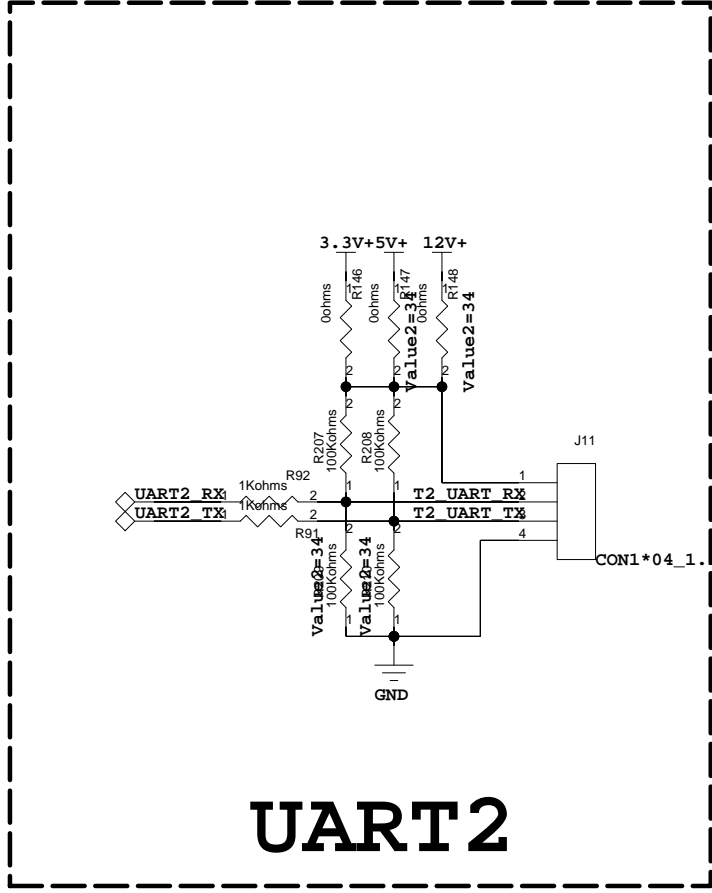
CAN



UART1



RS485



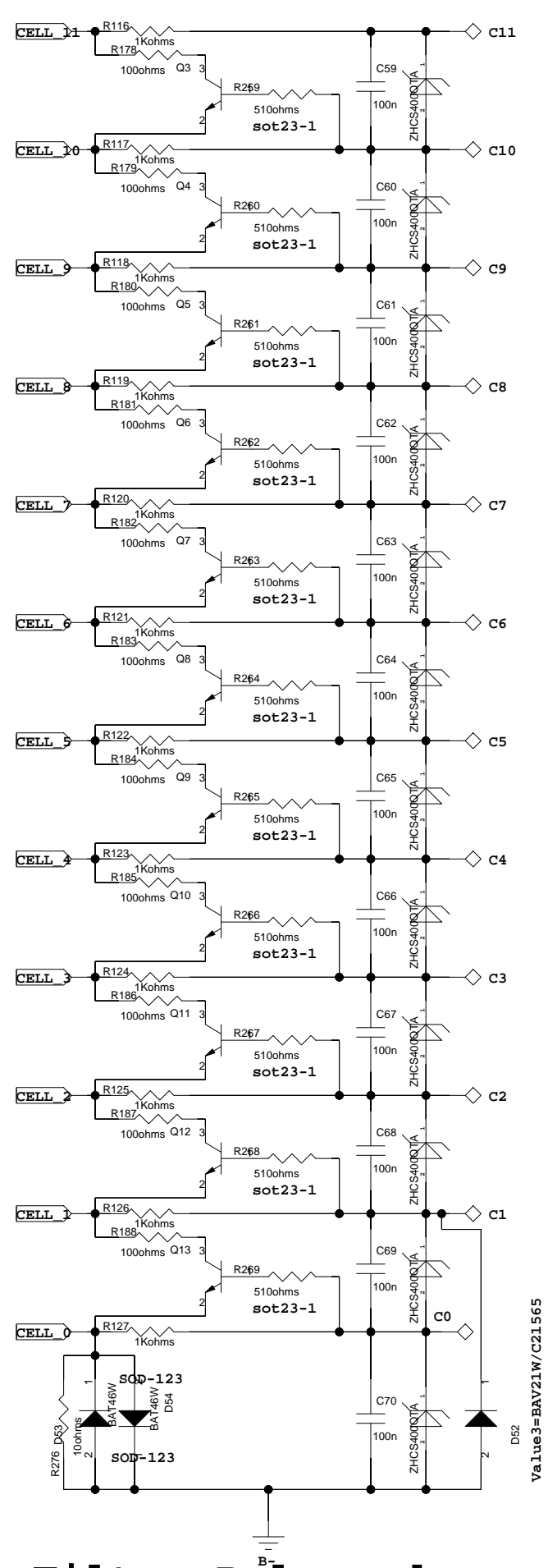
UART2

PRODUCT	BMS_24P04_01A
SHEET Name	03E°Communication
SHEET	4 / 8
Designer	Hardware Engineer
Reviewed	Project Manager
Standardized	Hardware Manager
Approved	Su Liangqin
Date	23/04/2025:15:30

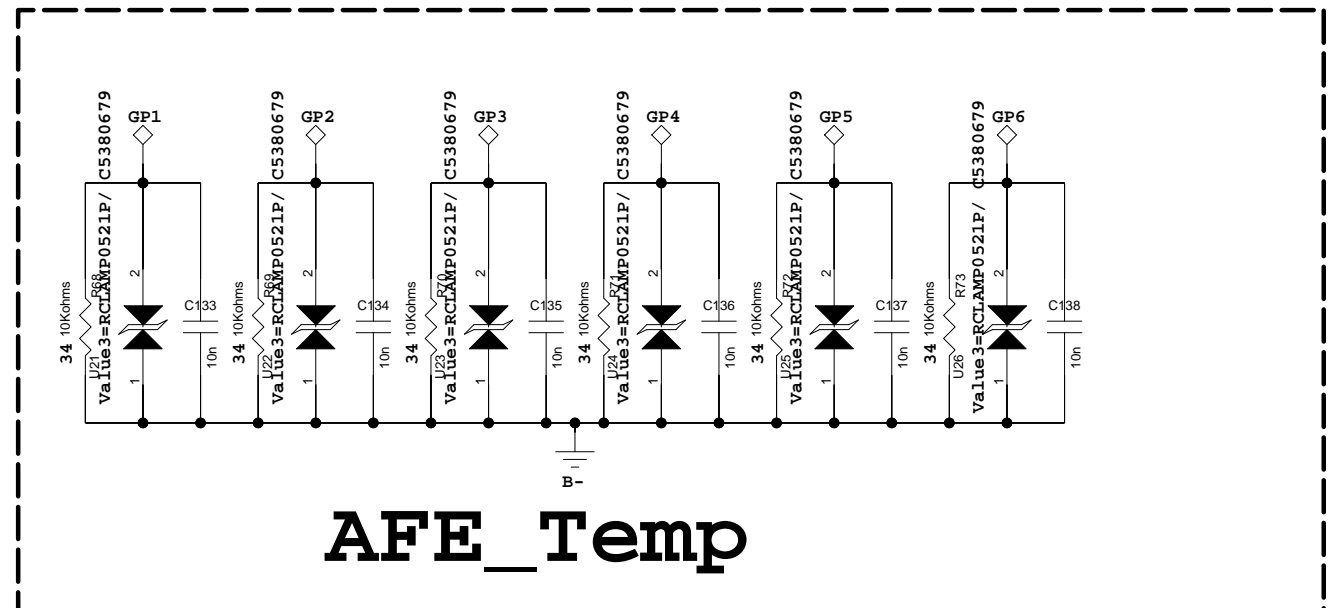
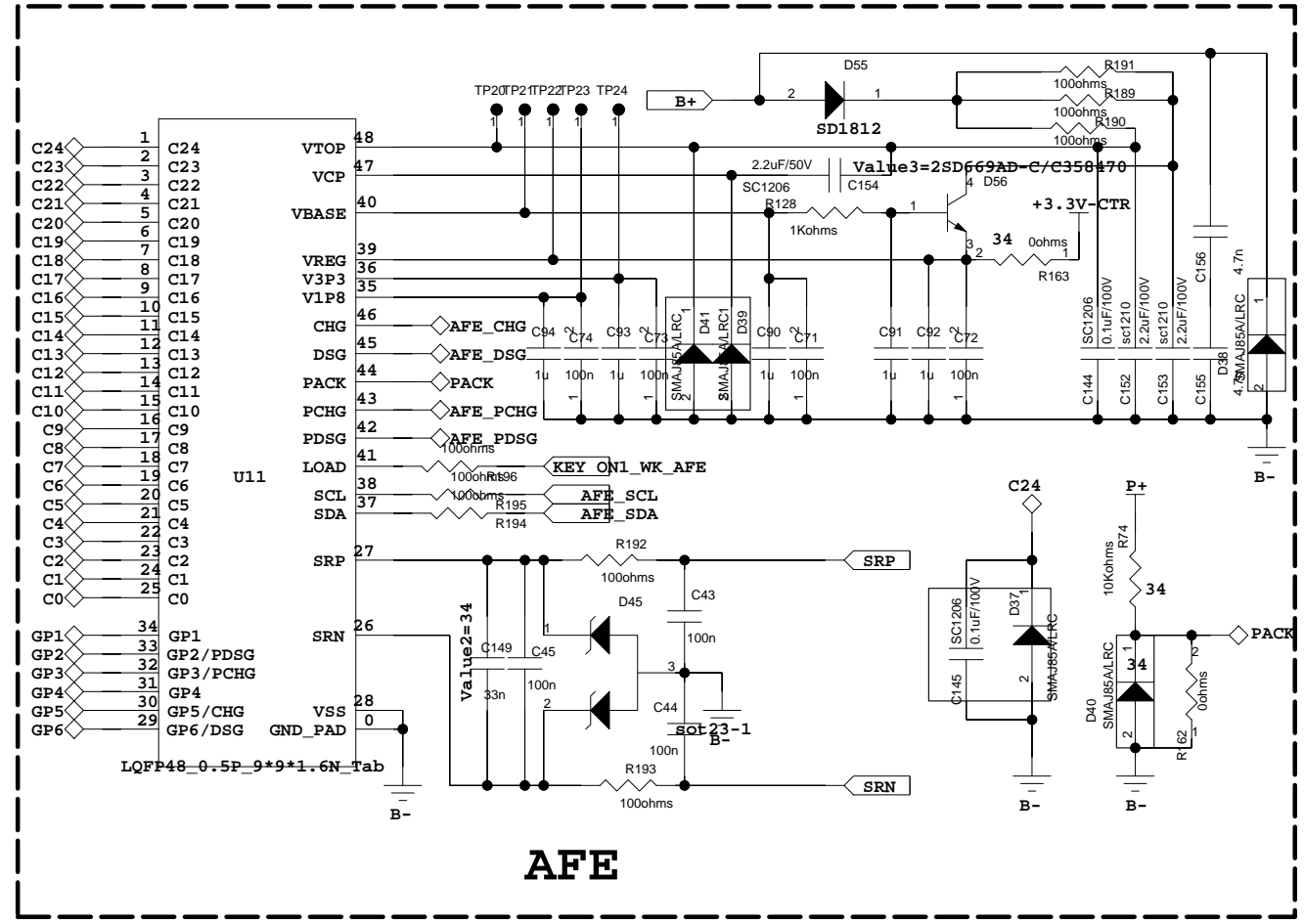
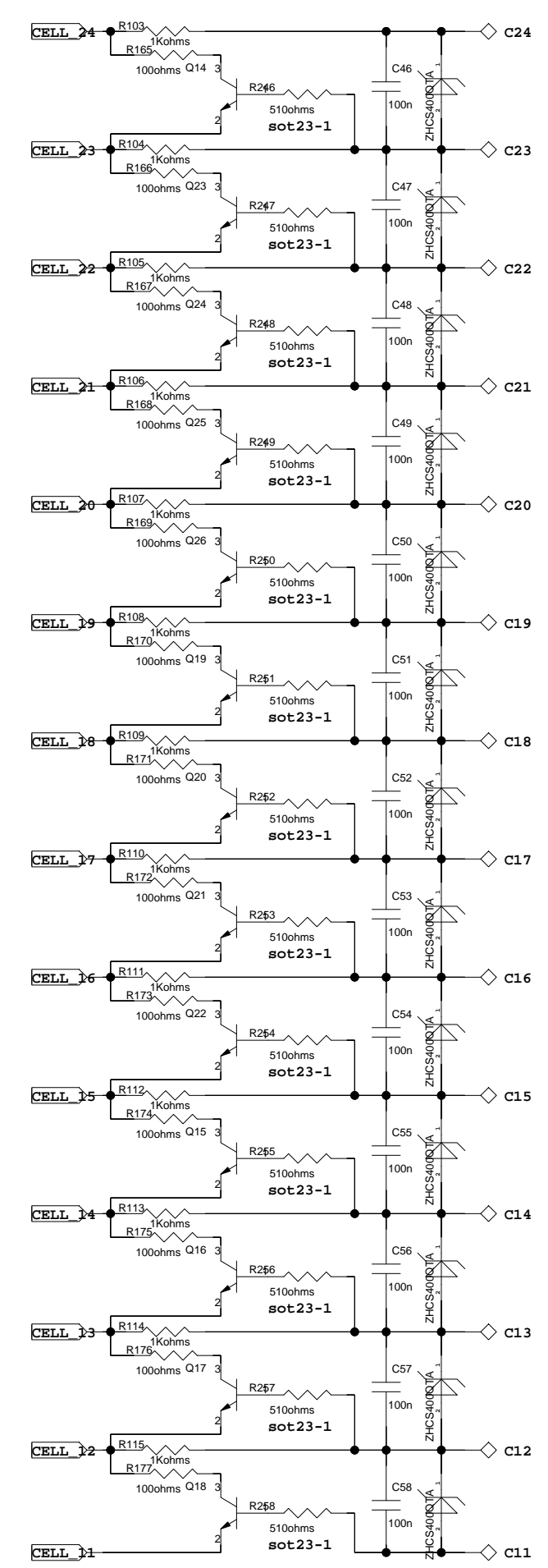
R X

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Filter+Balanced



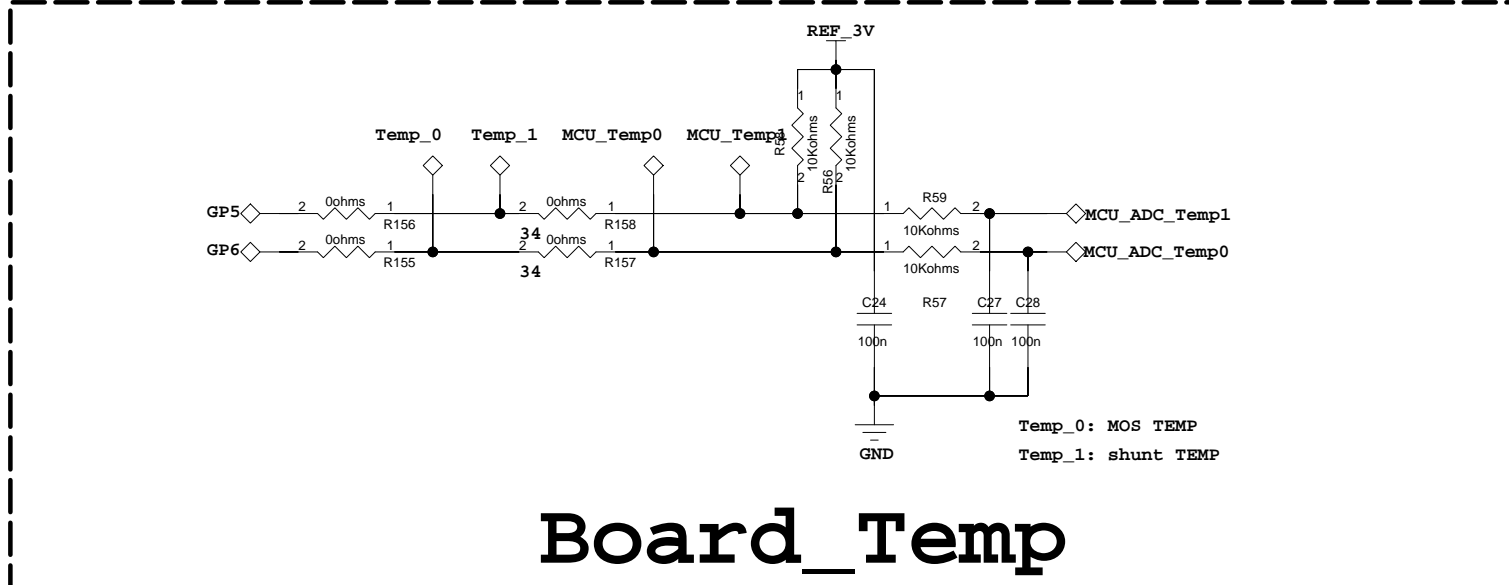
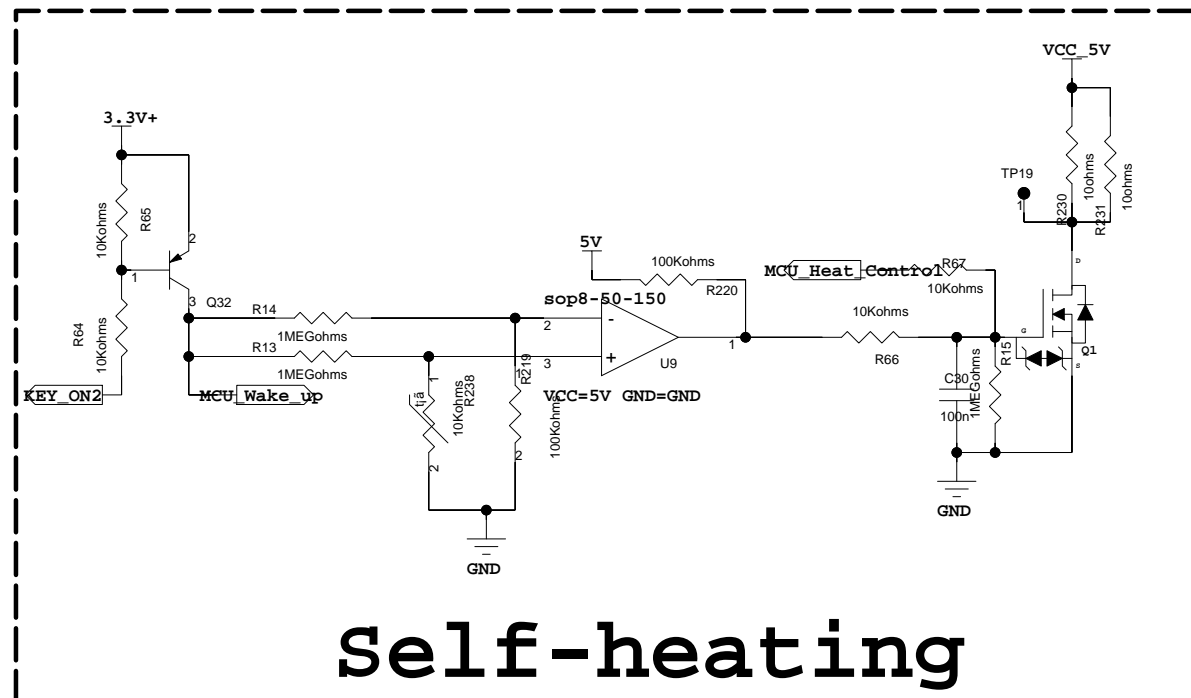
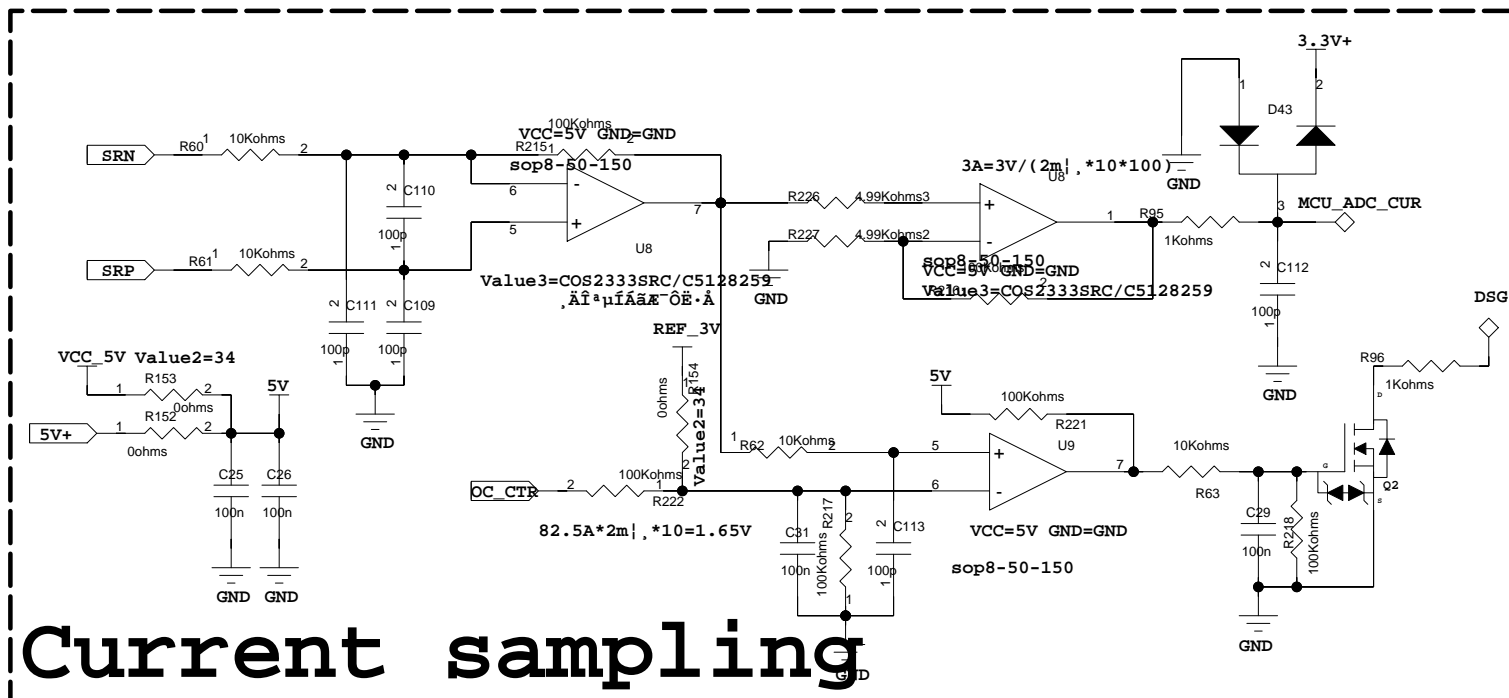
AFE_Temp

PRODUCT	BMS_24P04_01A
SHEET Name	04:AFE
SHEET	5 / 8
Designer	Hardware Engineer
Reviewed	Project Manager
Standardized	Hardware Manager
Approved	Su Liangqin
Date	23/04/2025:15:30

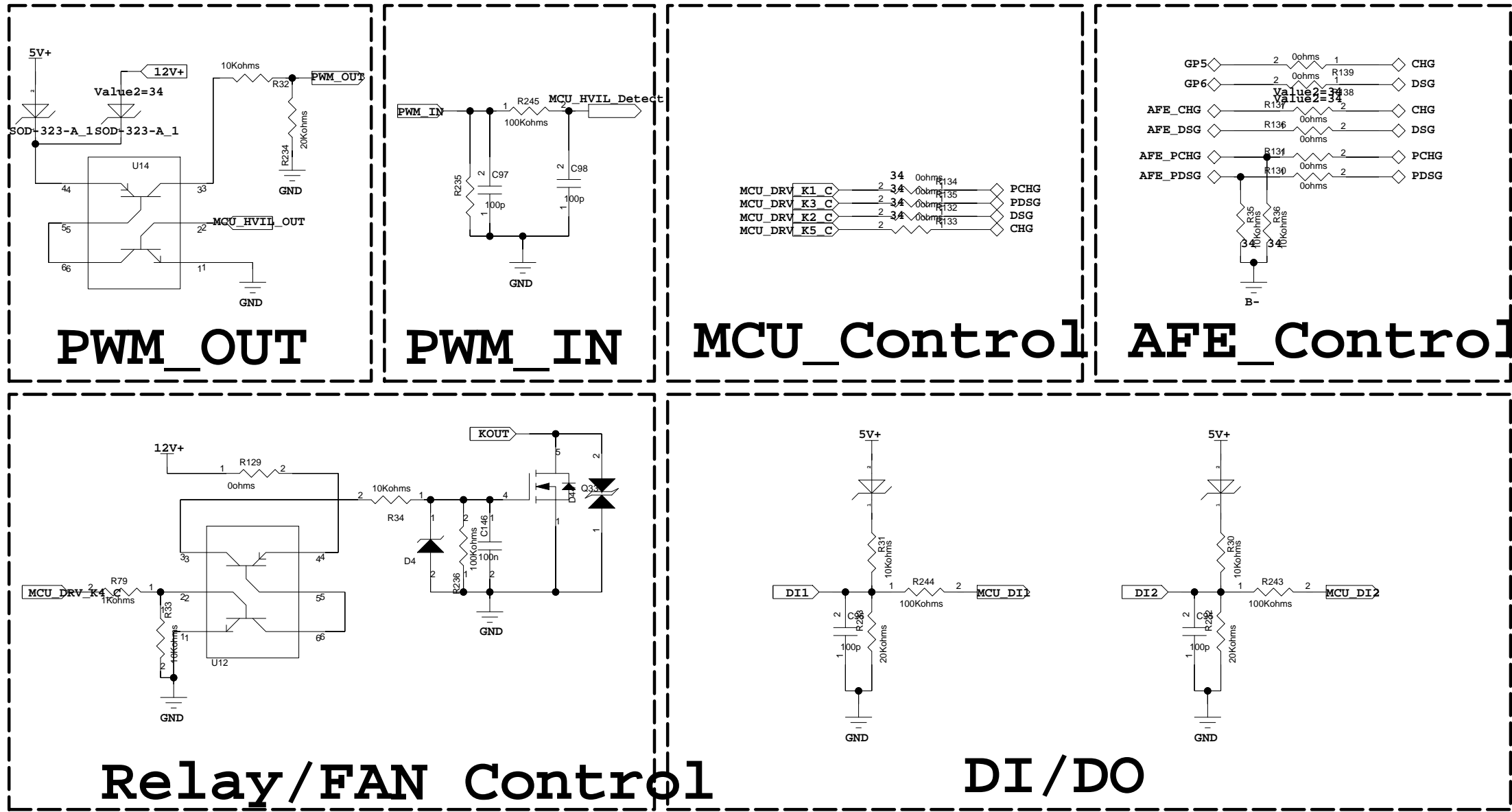
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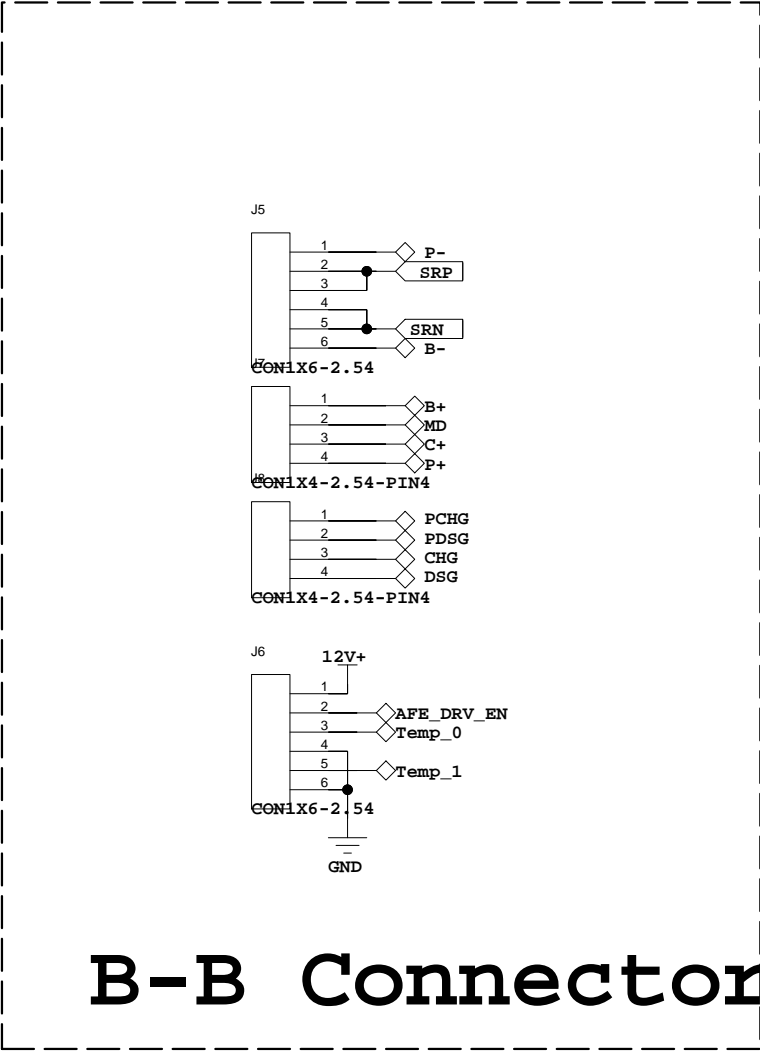
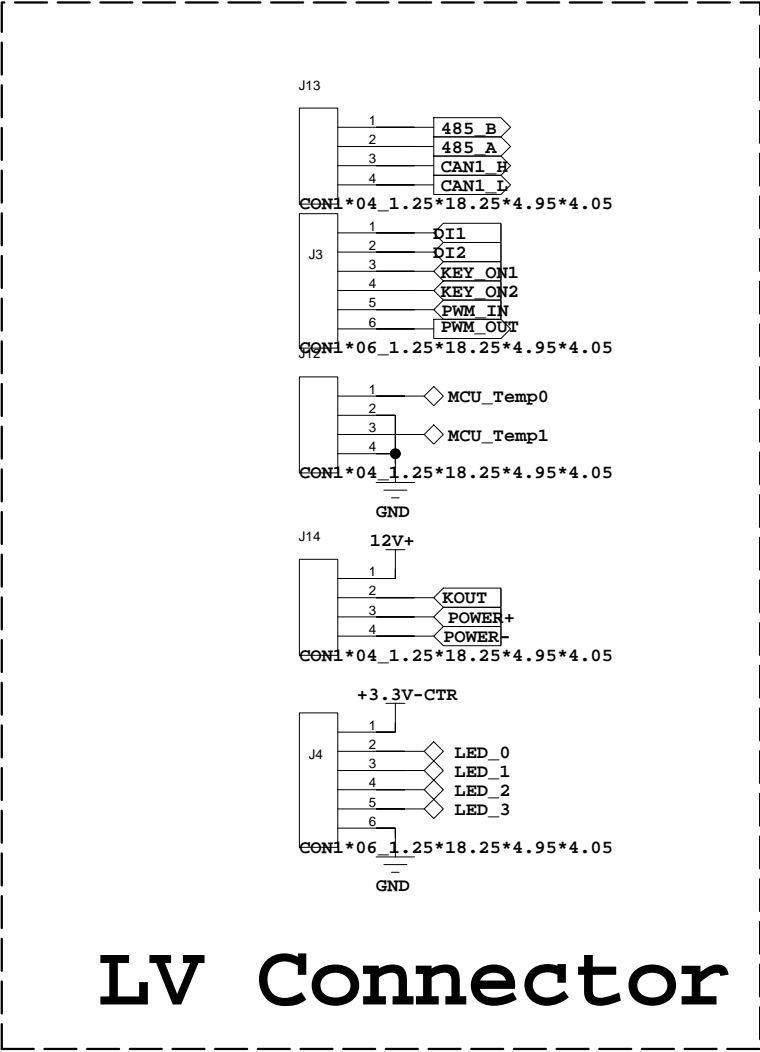
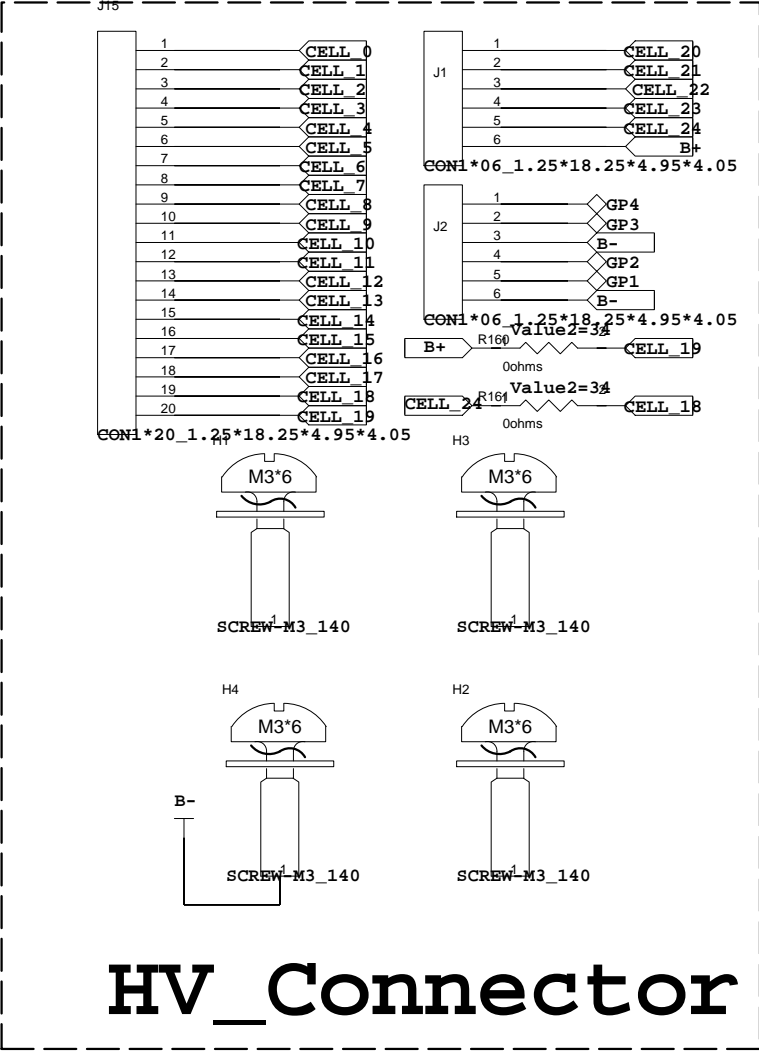
PRODUCT	BMS_24P04_01A	<div>RX</div> <div>PROPRIETARY INFORMATION</div> <div>This document must not be copied or reproduced in any form without the prior permission of RX</div>
SHEET Name	05:I/V/T_detect	
SHEET	6 / 8	
Designer	Hardware Engineer	
Reviewed	Project Manager	
Standardized	Hardware Manager	
Approved	Su Liangqin	
Date	23/04/2025:15:33	



PRODUCT	BMS_24P04_01A
SHEET Name	06:DO/DI
SHEET	7 / 8
Designer	Hardware Engineer
Reviewed	Project Manager
Standardized	Hardware Manager
Approved	Su Liangqin
Date	23/04/2025:15:18

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PRODUCT	BMS_24P04_01A
SHEET Name	07:Connector
SHEET	8 / 8
Designer	Hardware Engineer
Reviewed	Project Manager
Standardized	Hardware Manager
Approved	Su Liangqin
Date	21/04/2025:21:48

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