

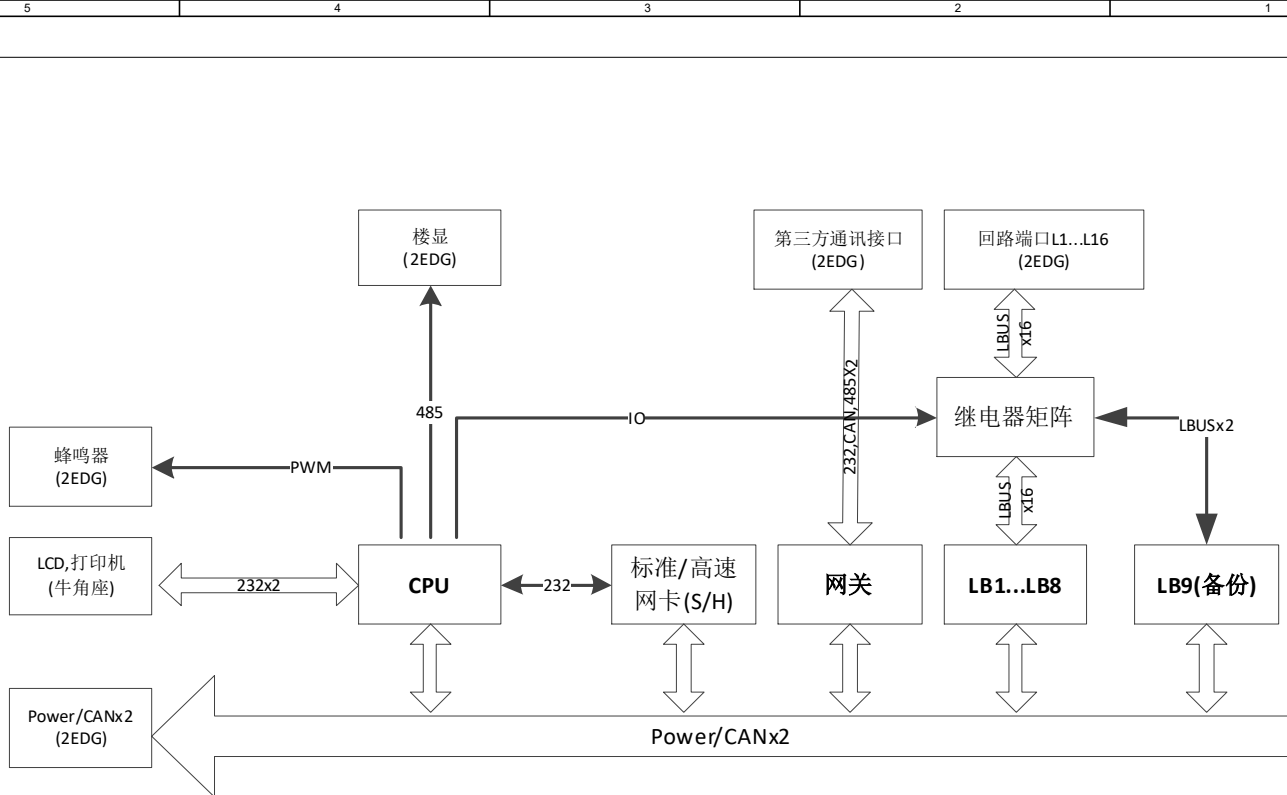
***PTW3300SP-MB***

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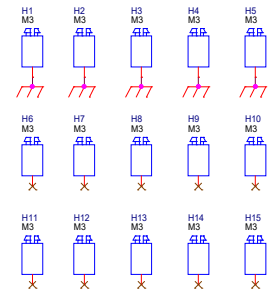
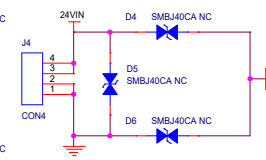
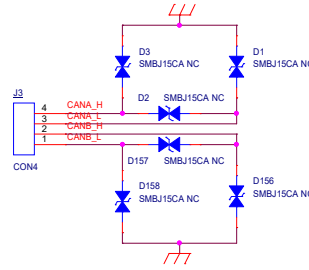
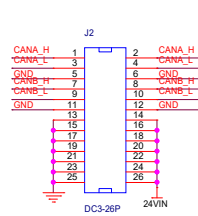
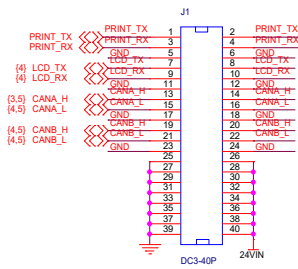
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## Revision History

[illegible]

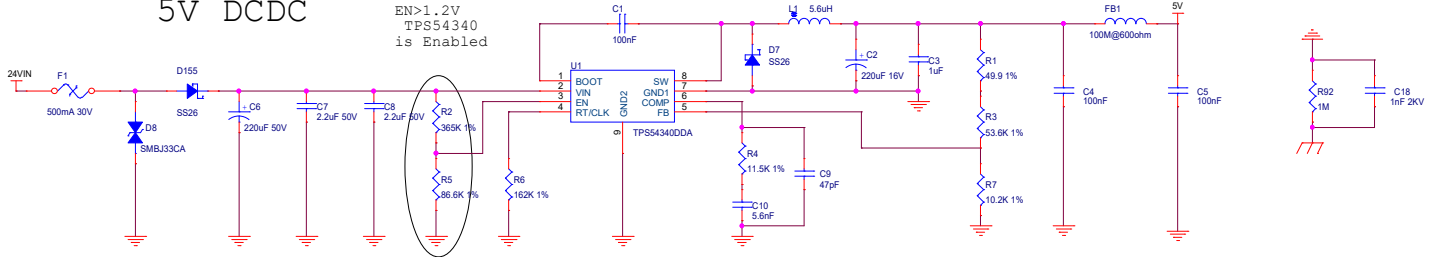


PROTECTWELL			
Design Name			
PTW3300SP-MB			
Size		Page Name	
A		02 BLOCK DIAGRAM	
Date:		Rev	
Friday, February 05, 2021		V1.0	
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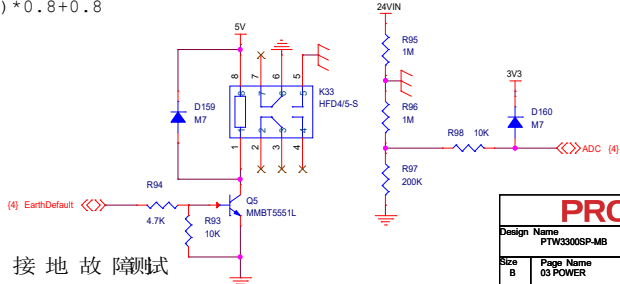
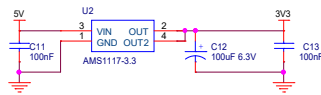
## 5V DCDC

EN>1.2V  
TPS54340  
is Enabled



$$V_o = (R_H/R_L) * 0.8 + 0.8$$

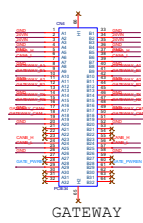
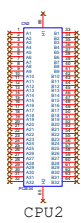
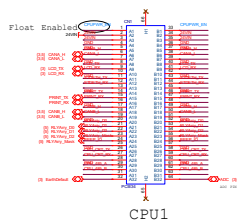
## 3V3 LDO



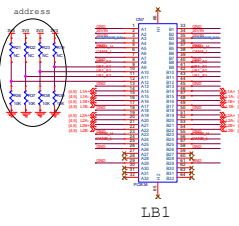
接地故障测试

**PROTECTWELL**

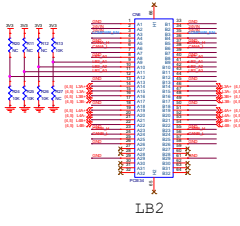
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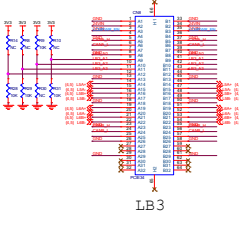
CPU-PWM



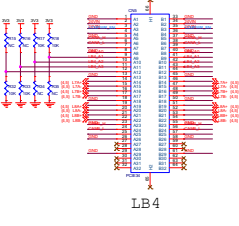
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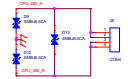
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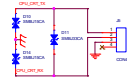
LB3



LB4



CPU-485



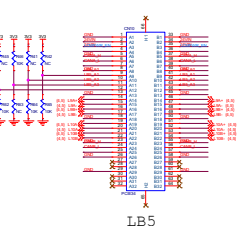
CPU-232



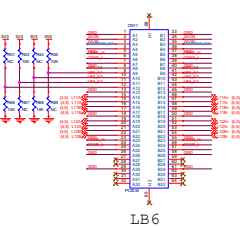
GATEWAY-485 (1)



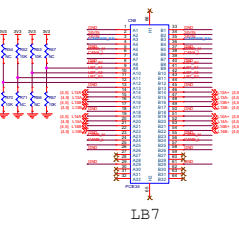
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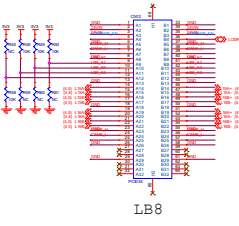
LB5



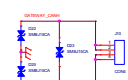
LB6



LB7



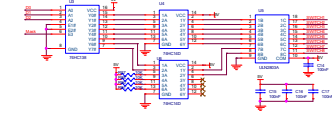
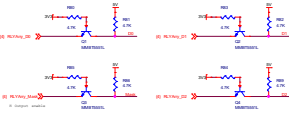
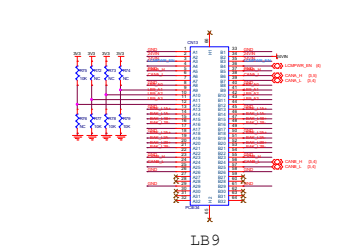
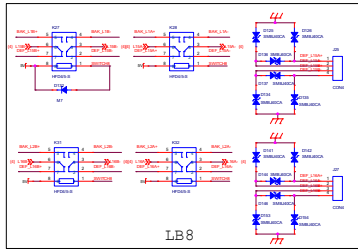
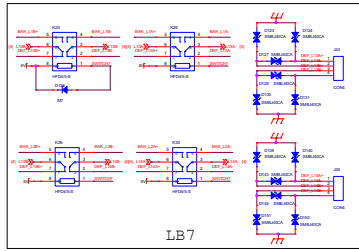
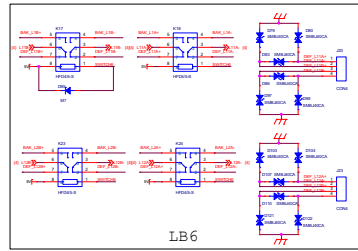
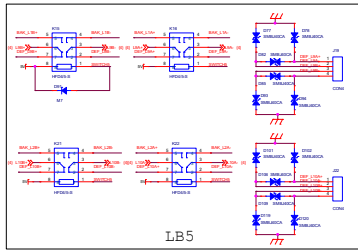
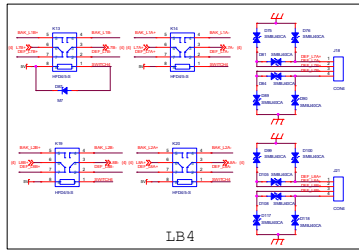
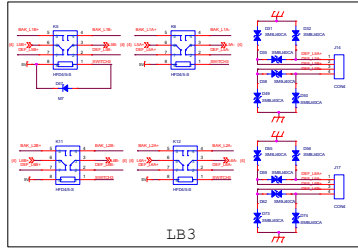
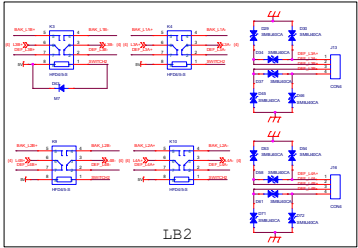
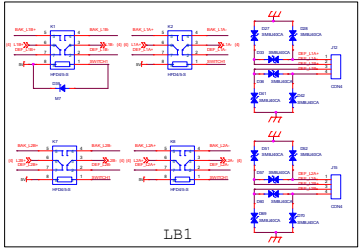
LB8



GATEWAY-CAN



GATEWAY-CRT



Function Table

Relay	Control	Output	LED
1	1	1	1
1	1	0	0
1	0	1	1
1	0	0	0
2	1	1	1
2	1	0	0
2	0	1	1
2	0	0	0
3	1	1	1
3	1	0	0
3	0	1	1
3	0	0	0
4	1	1	1
4	1	0	0
4	0	1	1
4	0	0	0