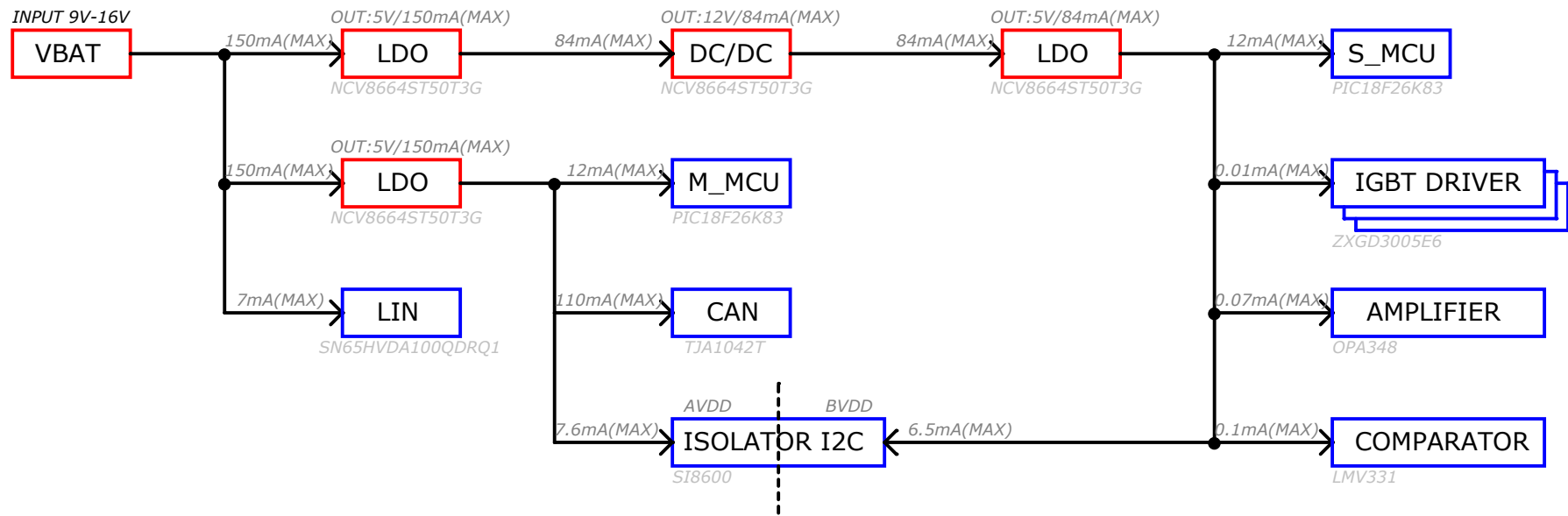


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# 2 POWER PLANE



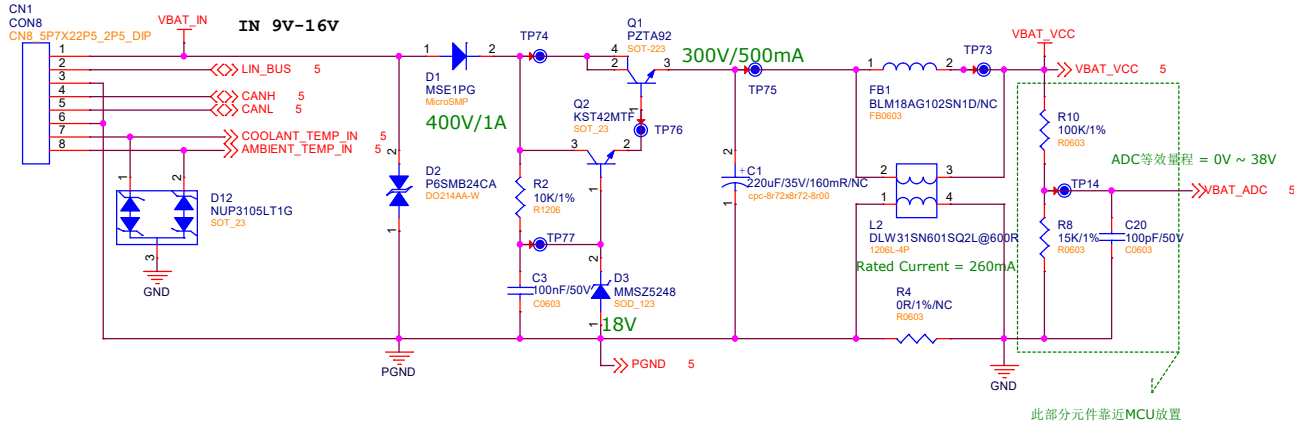
# 3 HISTORY

PHU\_MB\_SCH\_V0.1 [yangxutao 2019/09/09]

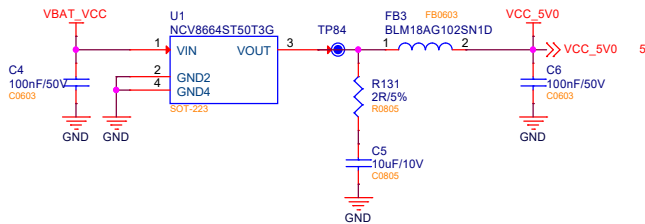
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# 4 POWER

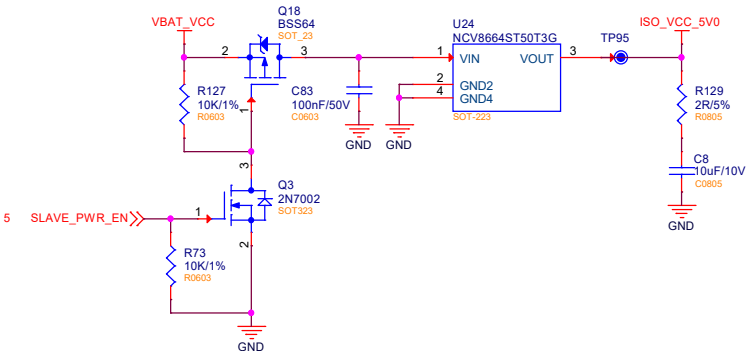
## POWER INPUT



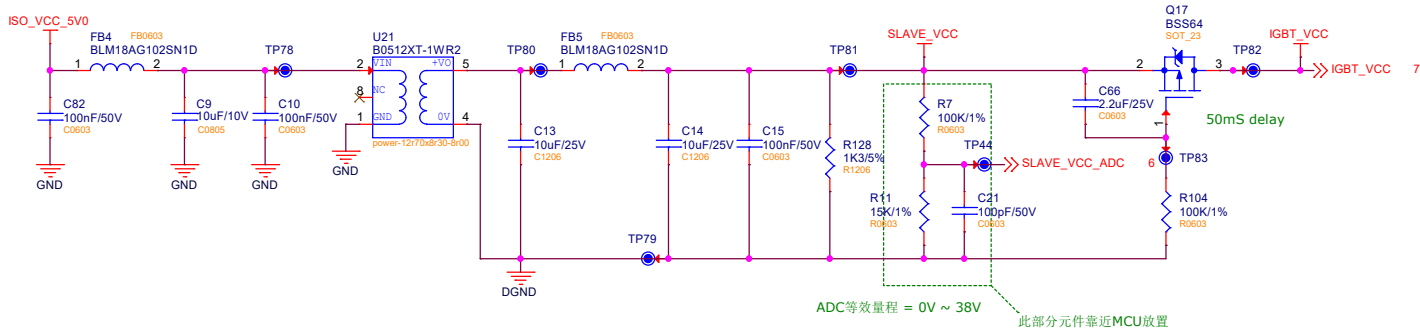
## POWER FOR MASTER PARTS



## FOR ISOLATORS POWER



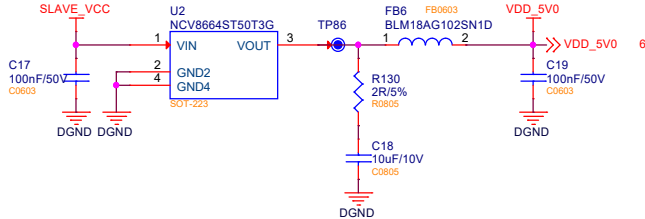
## ISOLATION POWER FOR SLAVE PARTS



B0512XT-1WR2:

Input Voltage: 10.8V~13.2V  
Output Voltage: 13.2V(Max) / 11.1V(Min)  
Output Current: 84mA(Max) / 9mA(Min)

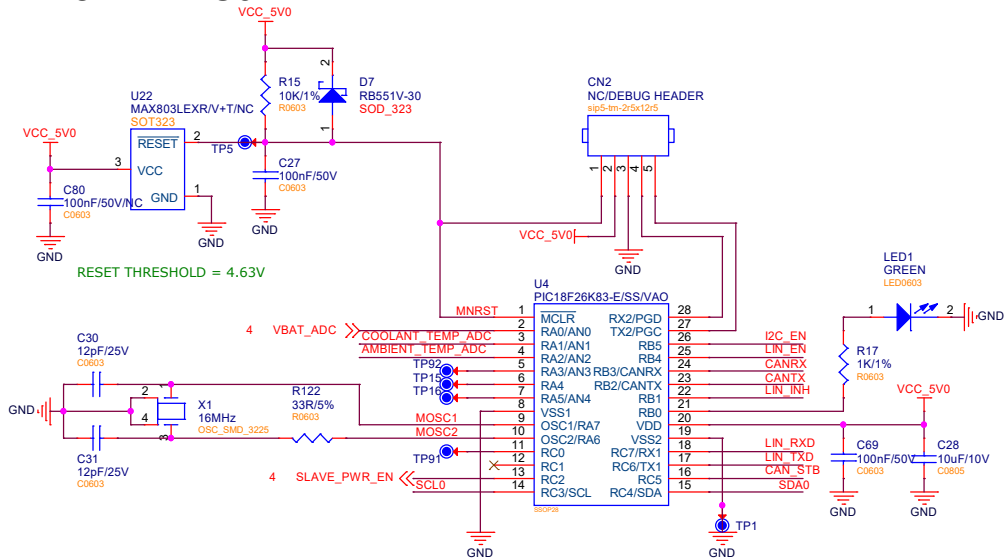
## POWER FOR SLAVE PARTS



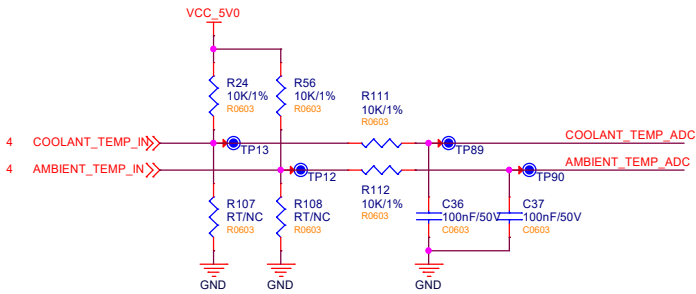
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# 5 MASTER MCU & CAN & LIN

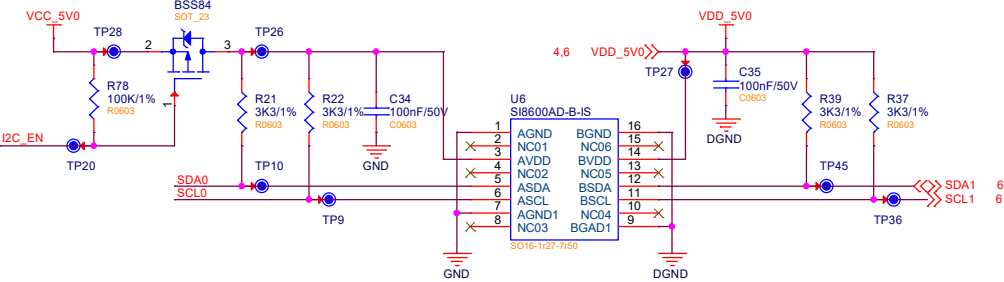
## MASTER MCU



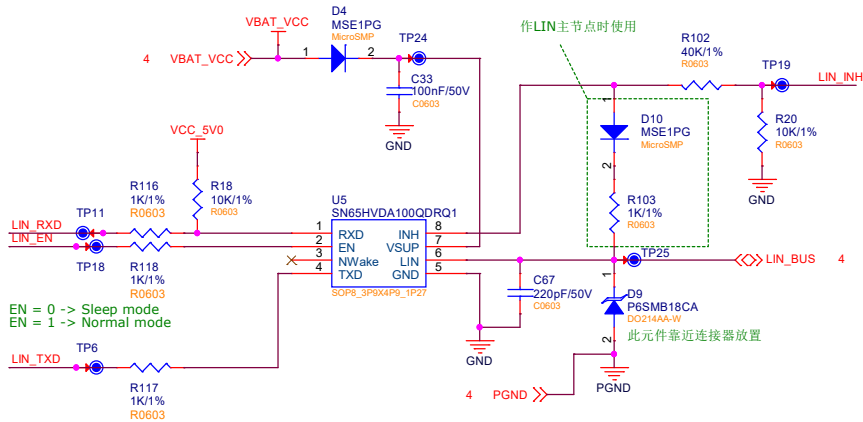
## TEMP SENSORS



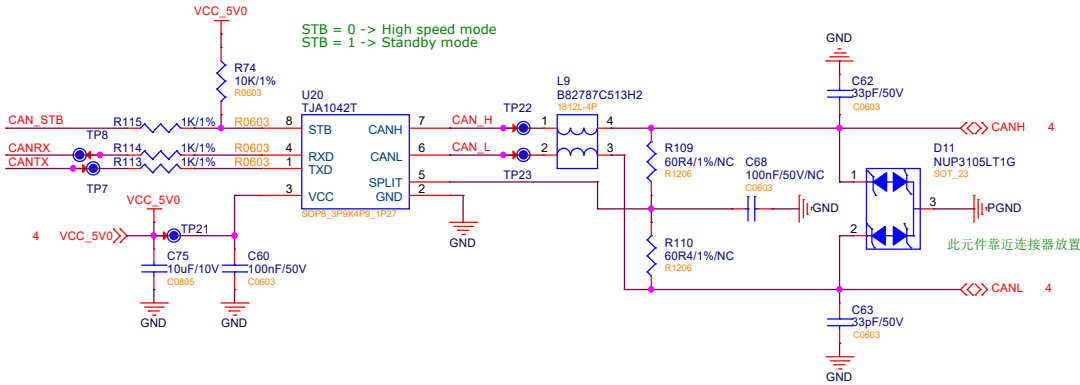
## I2C ISOLATION



## LIN-BUS



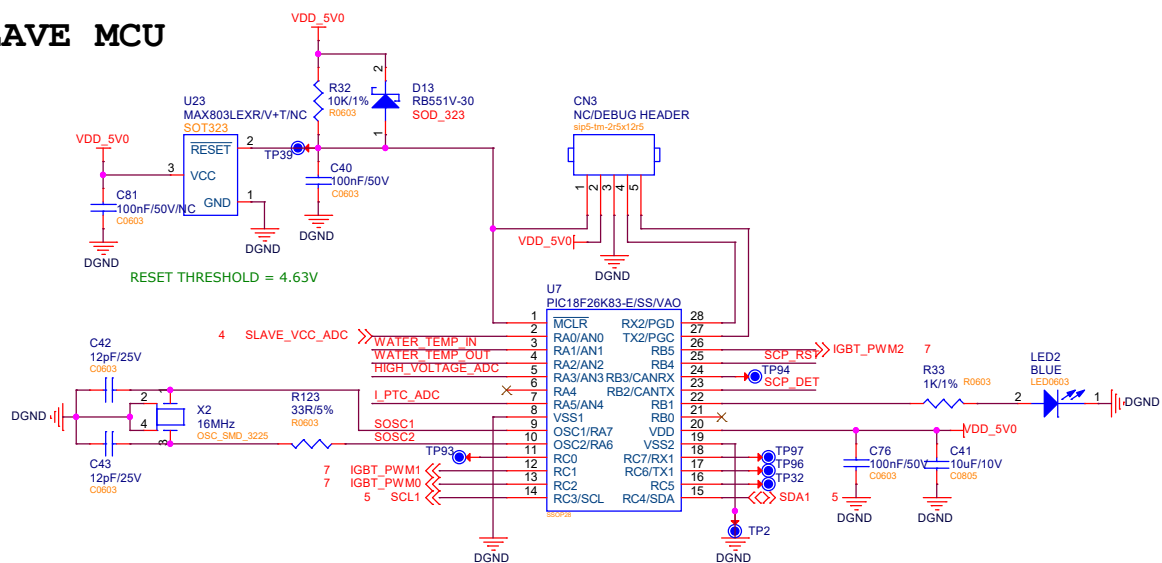
## CAN-BUS



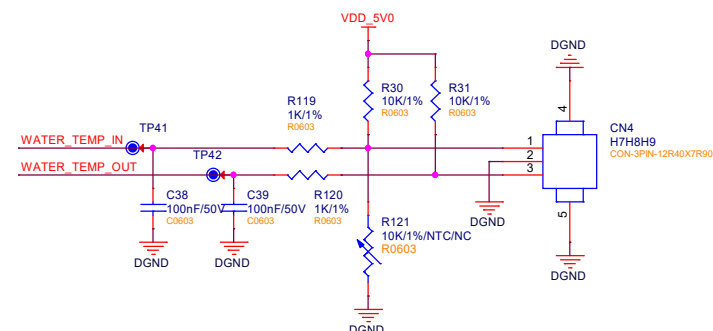
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## 6 SLAVE MCU & PROTECT

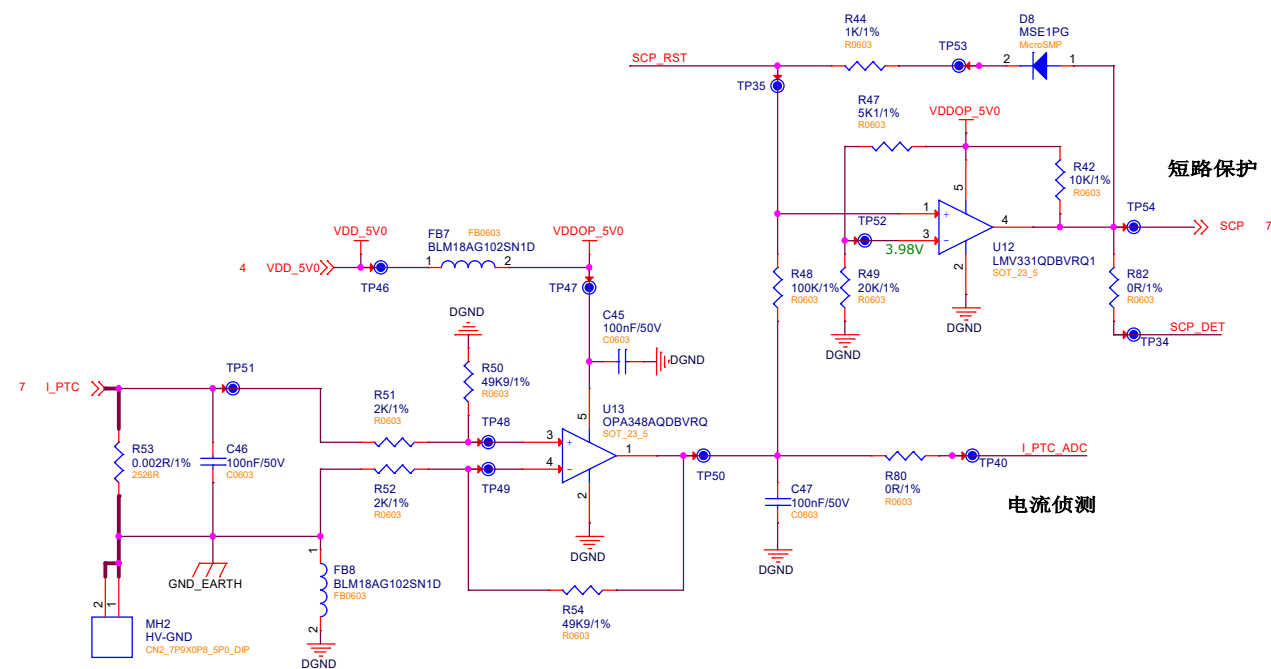
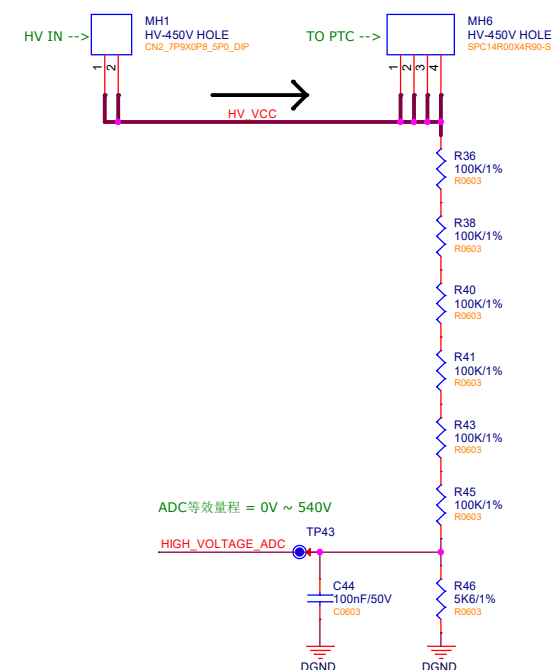
## SLAVE MCU



## WATER TEMPERATURE SENSORS



## HIGH VOLTAGE IN & MEASURE



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<Title>				
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