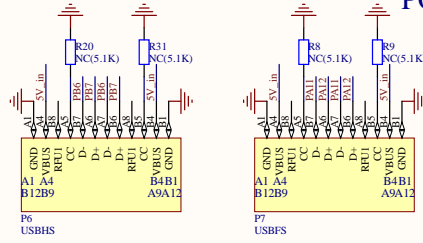
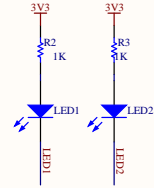
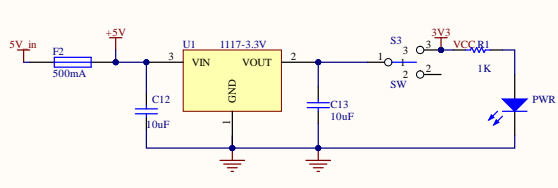


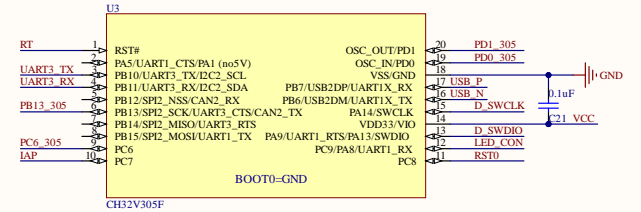
CH32V307/CH32F207/CH32V303/CH32F203VC最小系统



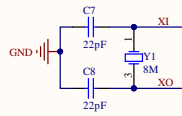
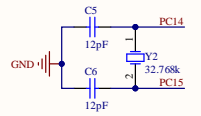
POWER&USB

WCH_LinkE

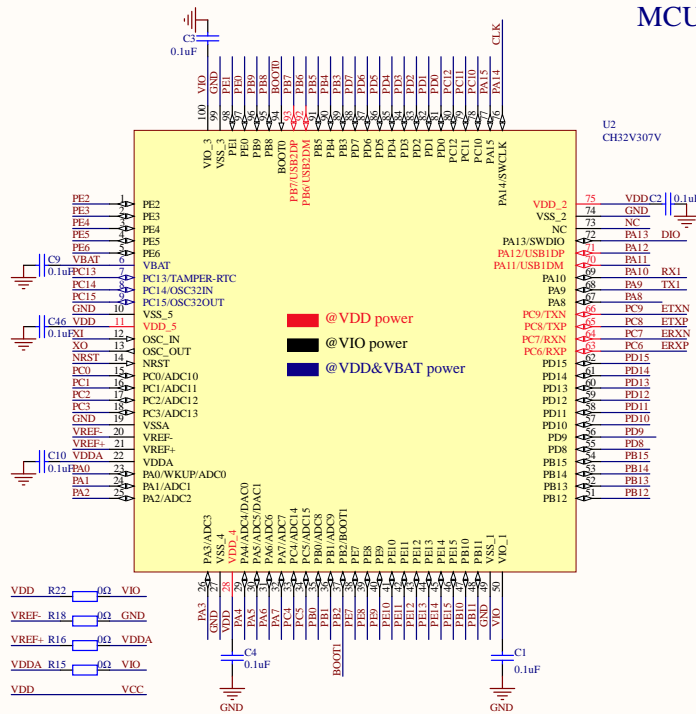
MCU



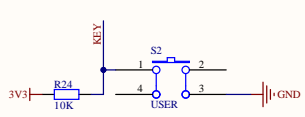
XTAL



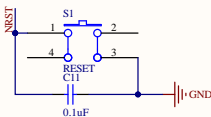
MCU



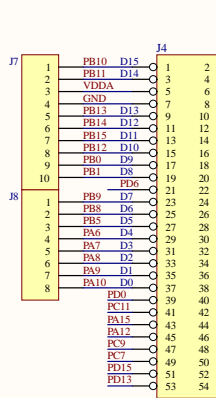
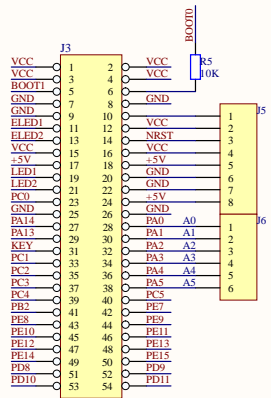
KEY



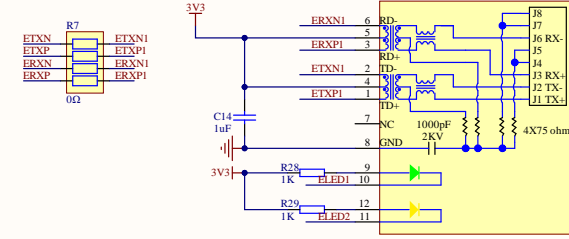
RST



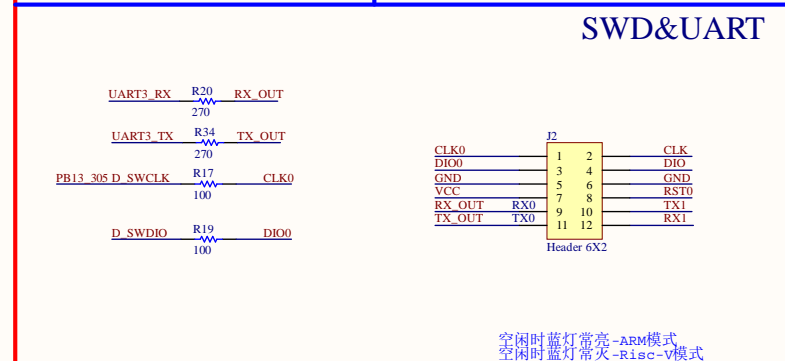
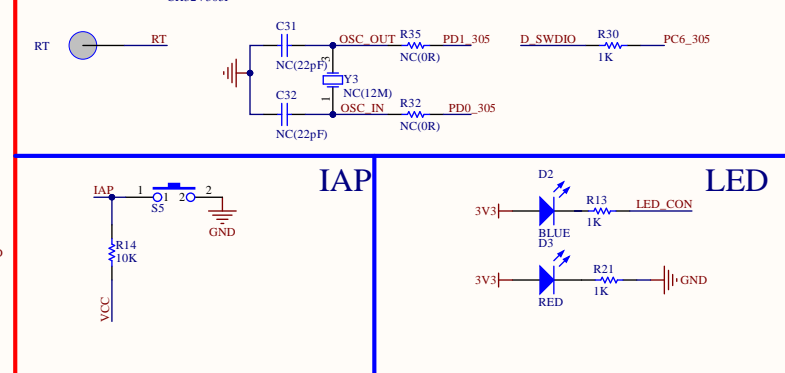
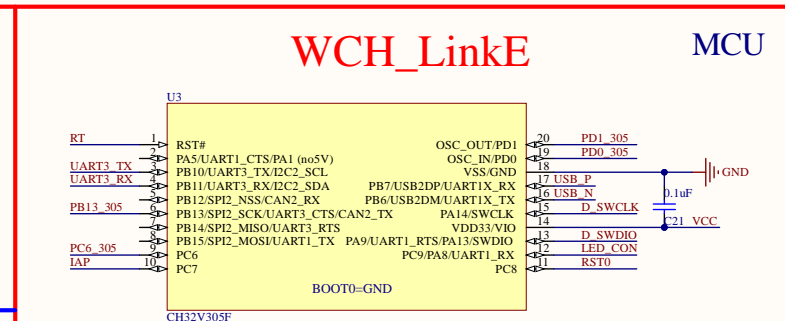
ARDUINO



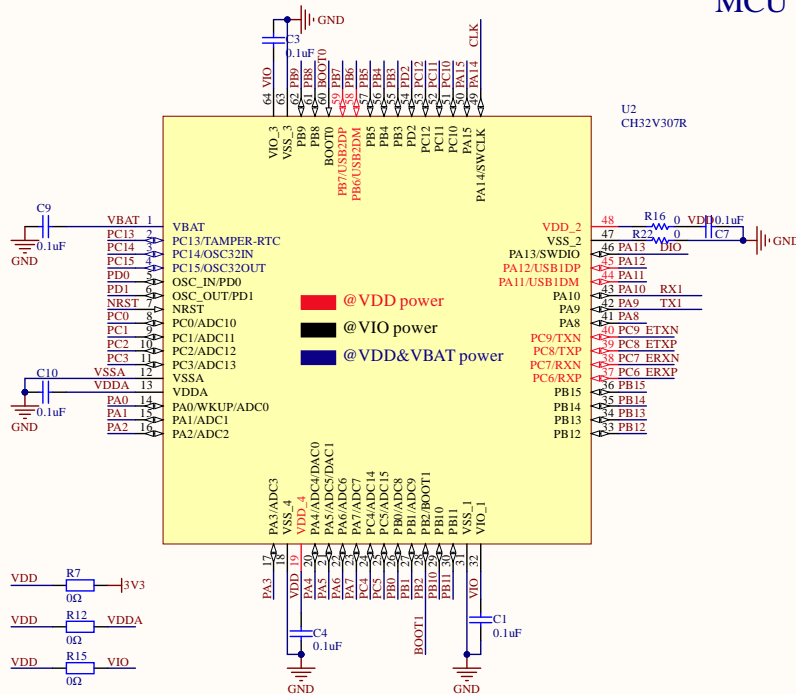
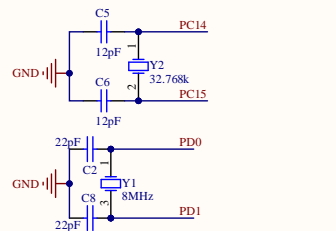
When using ETH PC6 PC7 PC8 PC9 polling up



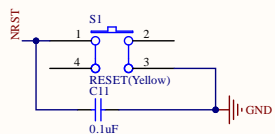
CH32V307/305/303R最小系统



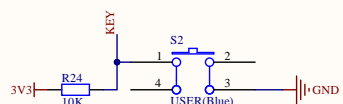
MCU



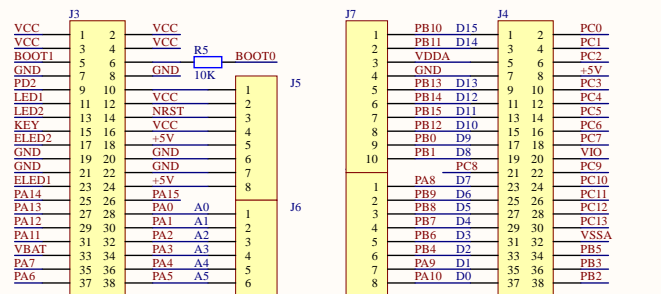
RST



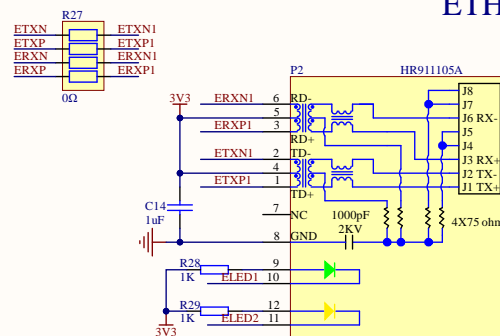
KEY



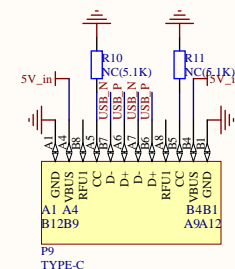
ARDUINO



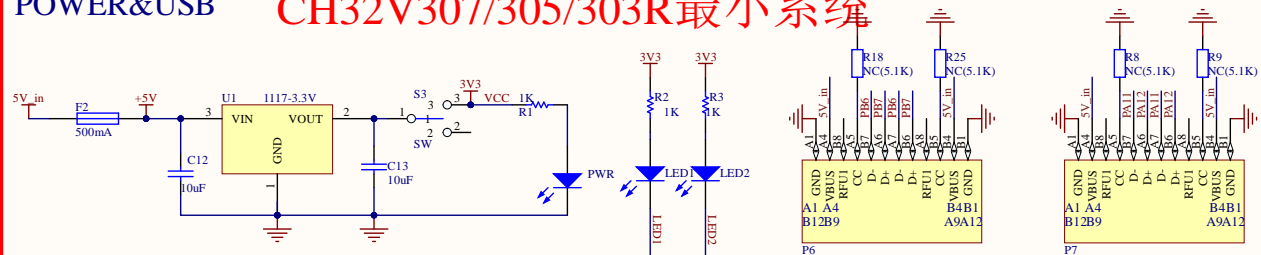
ETH



POWER&USB

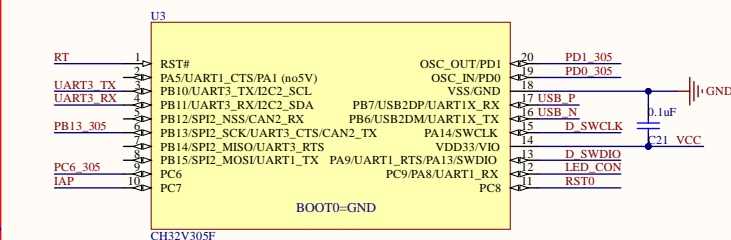


CH32V307/305/303R最小系统

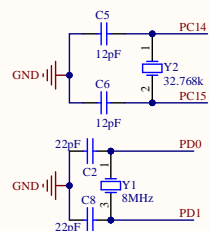


WCH_LinkE

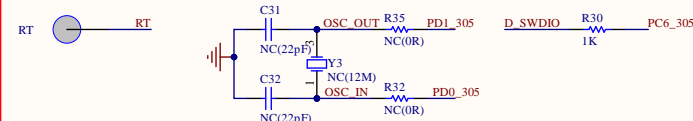
MCU



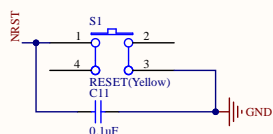
XTAL



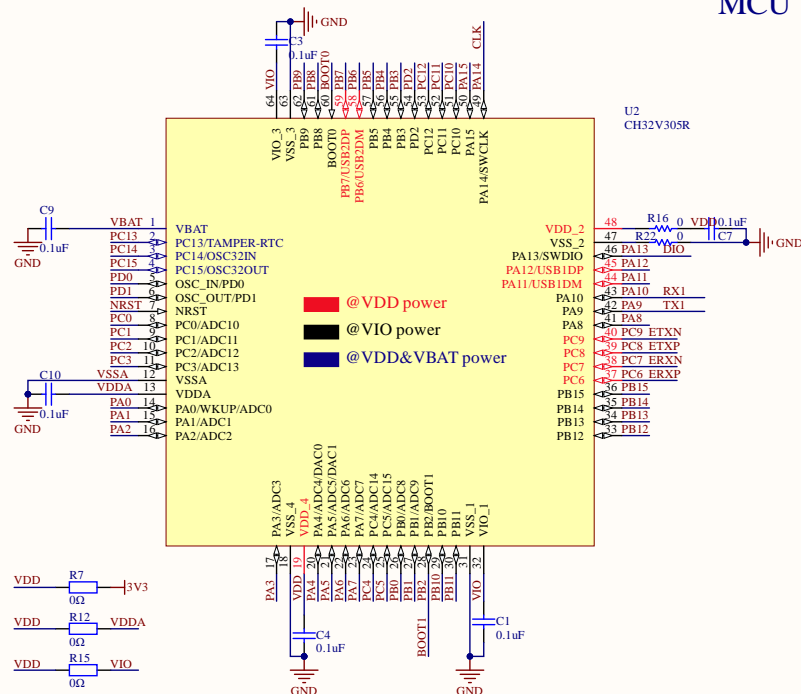
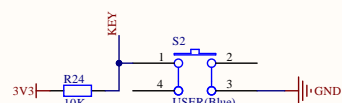
MCU



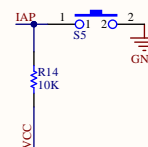
RST



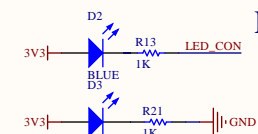
KEY



IAP



LED

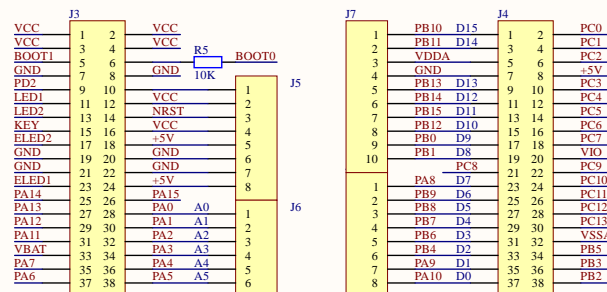


SWD&UART

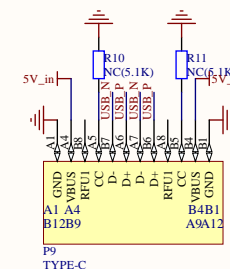


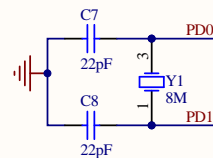
空闲时蓝灯常亮-ARM模式
空闲时蓝灯常灭-RISC-V模式

ARDUINO

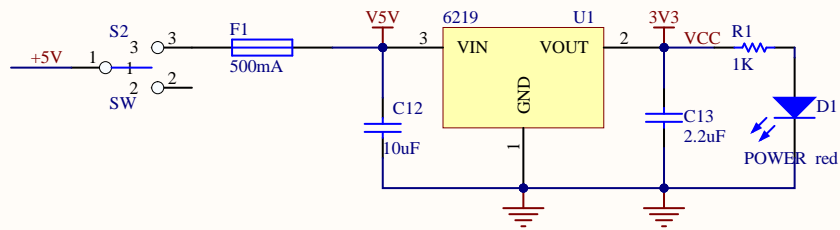


POWER&USB

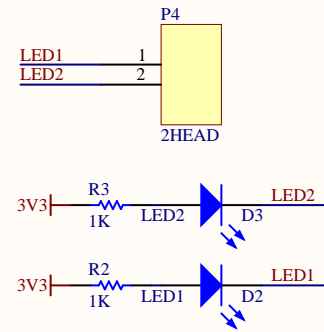




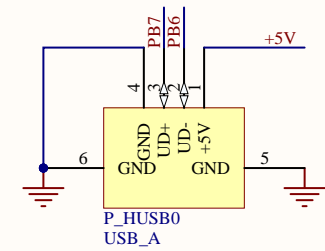
POWER



LED



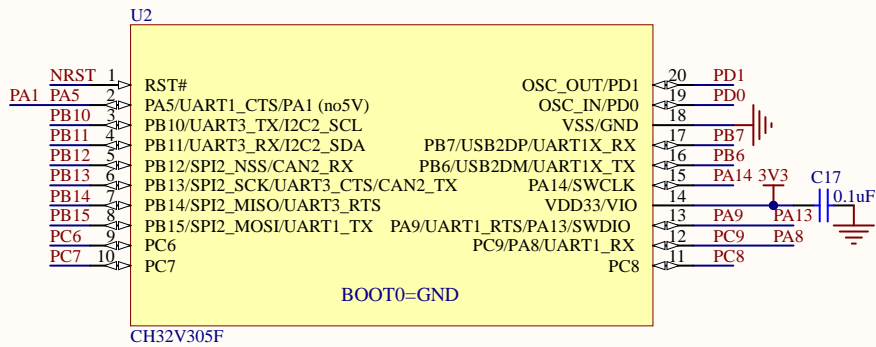
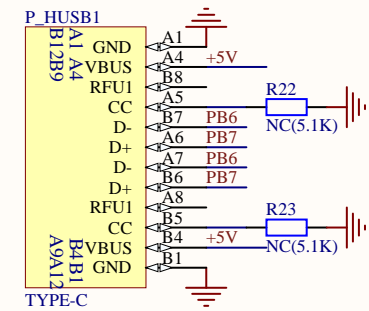
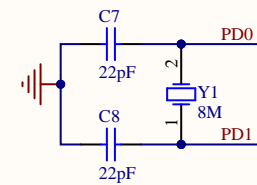
USB



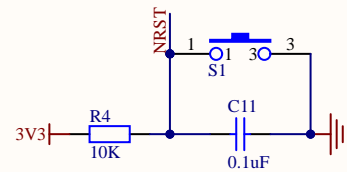
MCU

CH32V305F

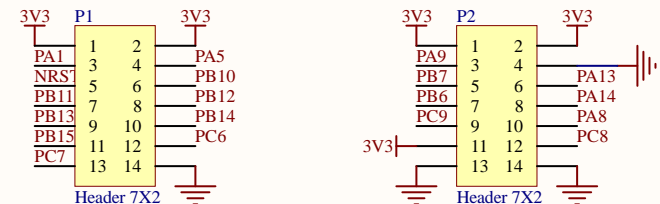
XTAL



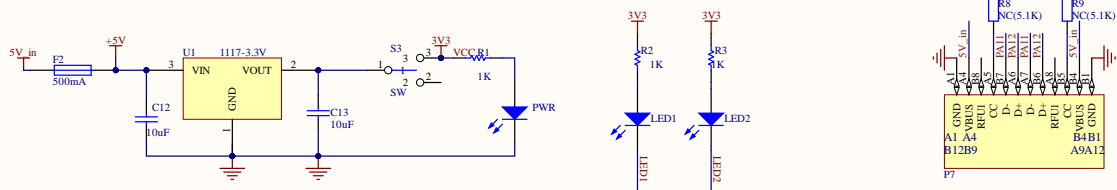
RST



PIN



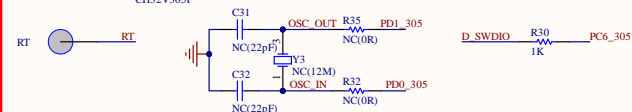
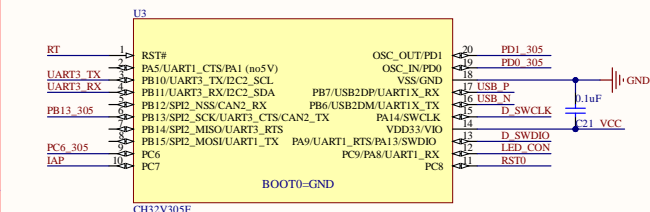
CH32V307/CH32F207/CH32V303/CH32F203VC最小系统



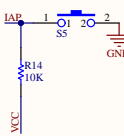
POWER&USB

WCH_LinkE

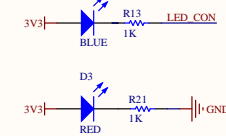
MCU



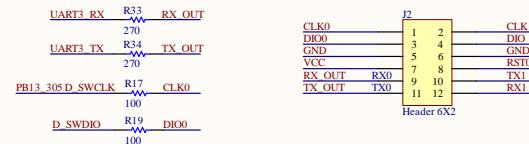
IAP



LED

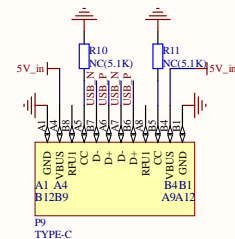


SWD&UART



空闲时蓝灯常亮-ARM模式
空闲时蓝灯常灭-Risc-V模式

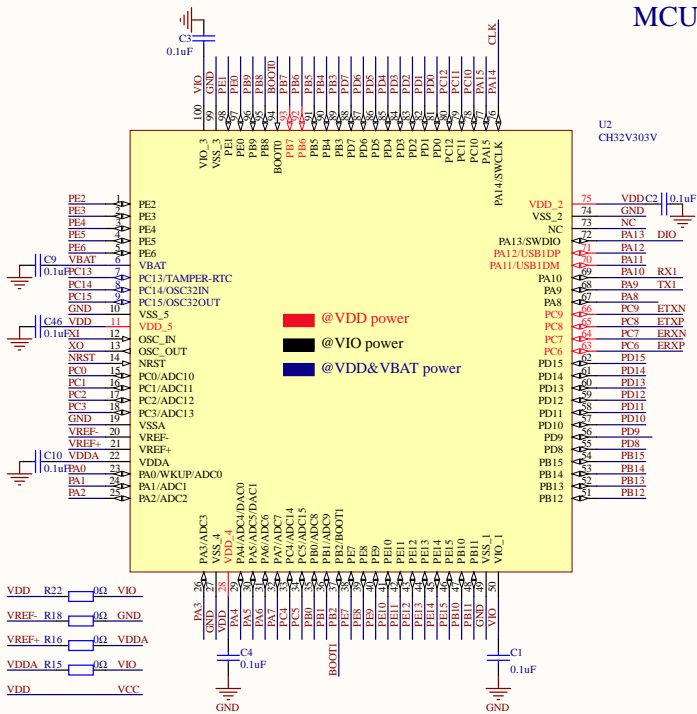
POWER&USB



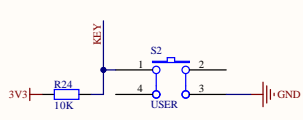
XTAL



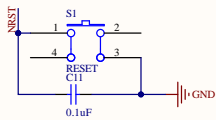
MCU



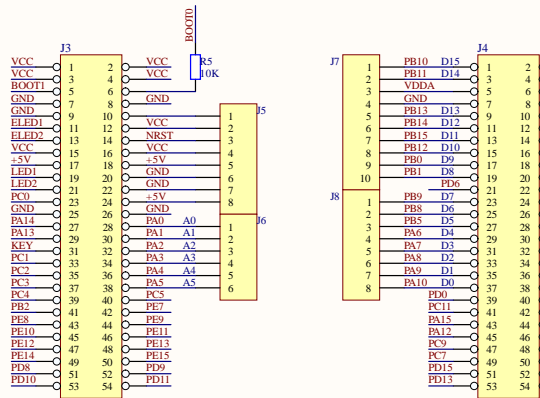
KEY



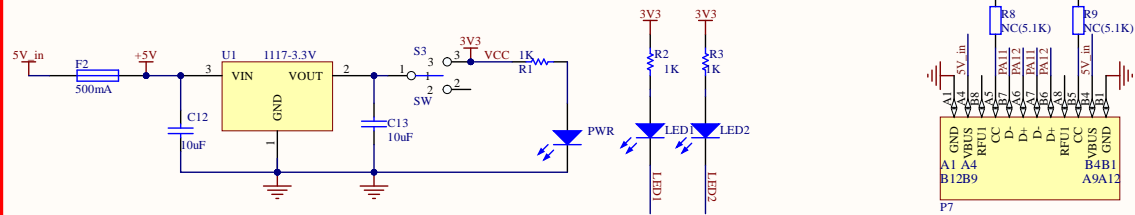
RST



ARDUINO

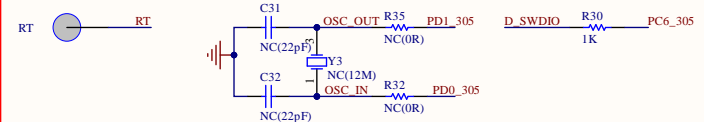
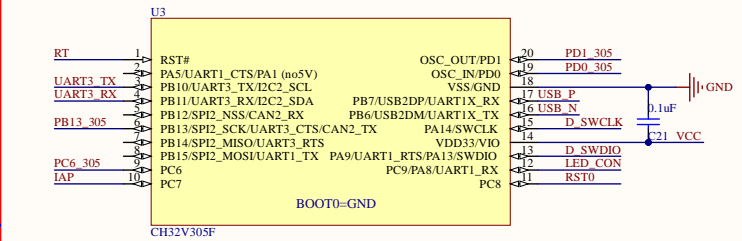


CH32V307/305/303R最小系统

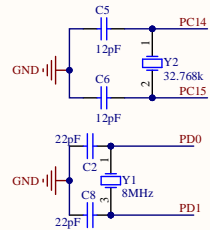


WCH_LinkE

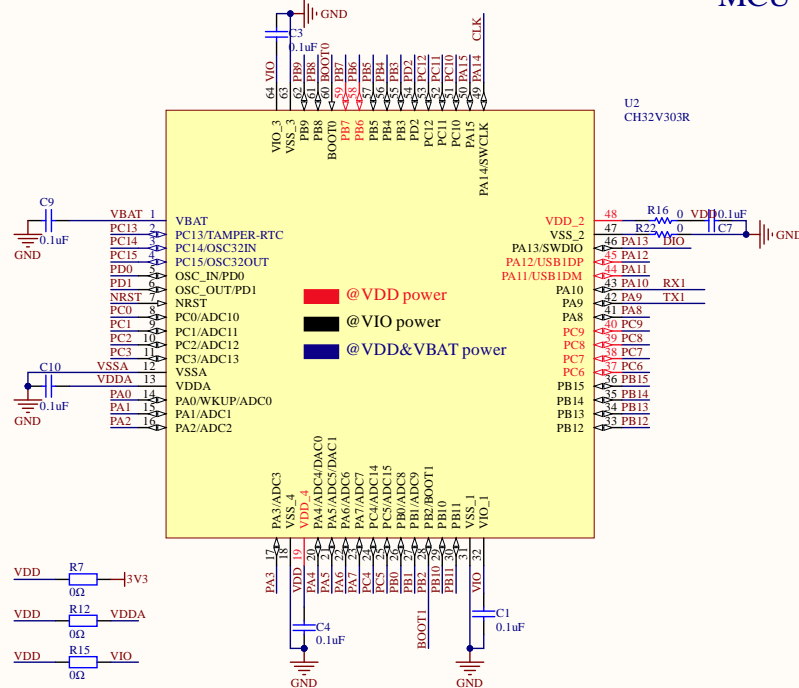
MCU



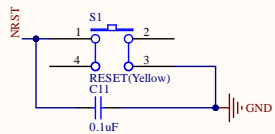
XTAL



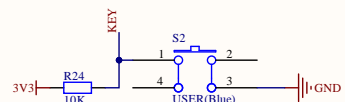
MCU



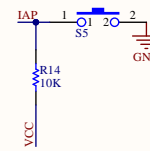
RST



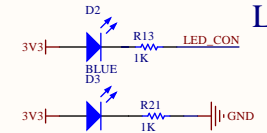
KEY



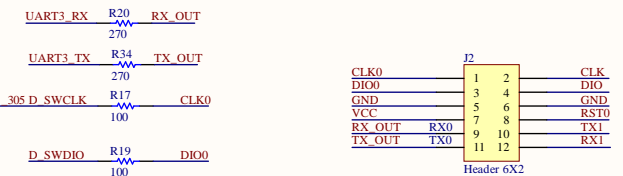
IAP



LED

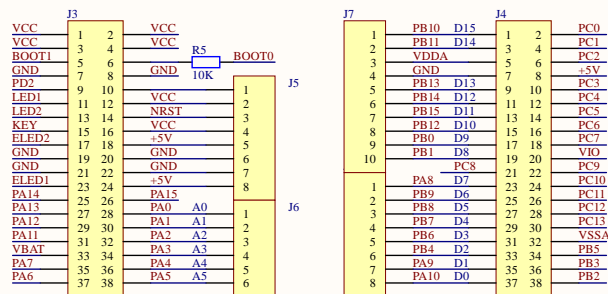


SWD&UART

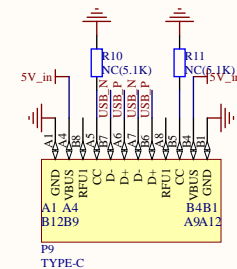


空闲时蓝灯常亮-ARM模式
空闲时蓝灯常灭-RISC-V模式

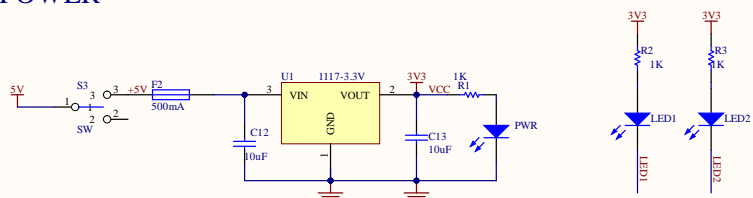
ARDUINO



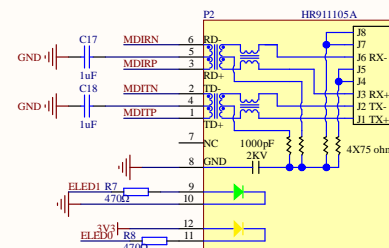
POWER&USB



POWER



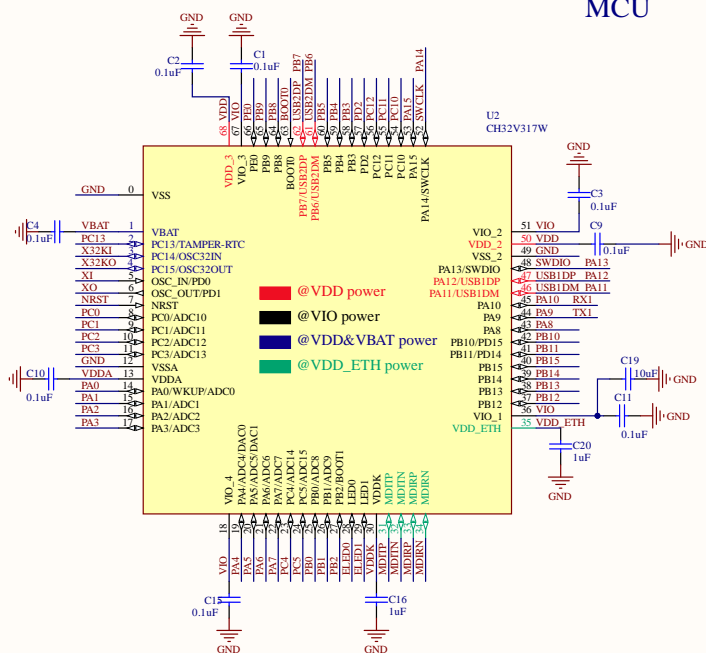
ETH



Crystals



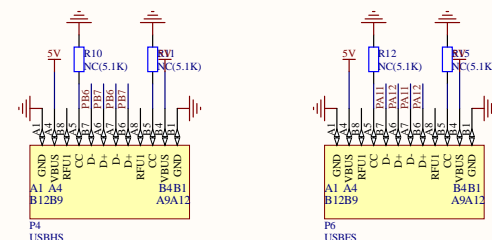
MCU



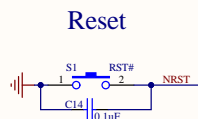
DEBUG



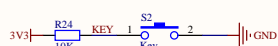
USB



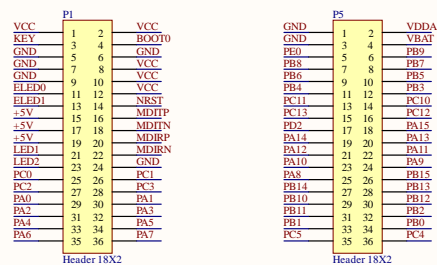
RST



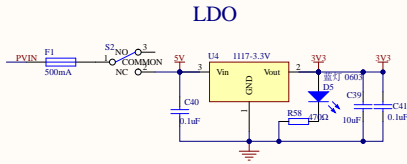
KEY



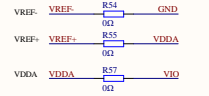
ARDUINO



Power Supply



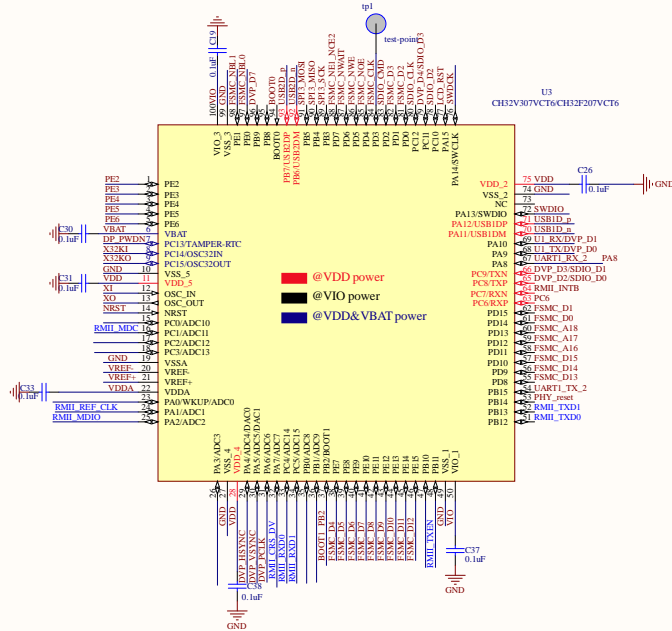
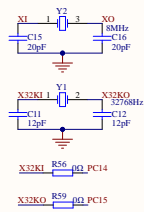
Power Input



CH32V307VCT6/CH32F207VCT6

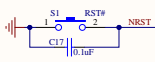
Risc-V v4f
IMAFc
144MHz
128KB RAM
192KB ROM

Crystals

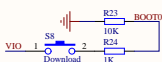


KEY

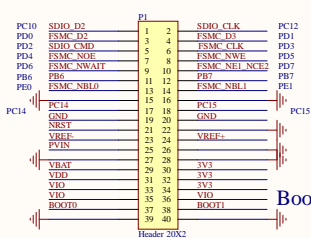
Reset



Download

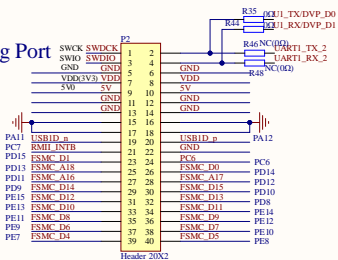


IO

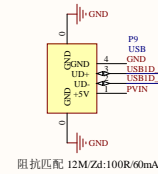


Boot Config

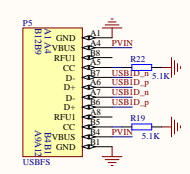
Debug Port



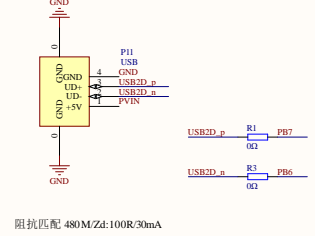
USB Full Speed



USB Full Speed Type-C

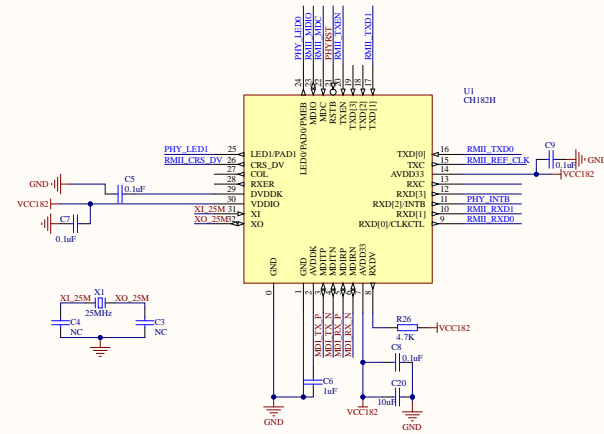


USB High Speed



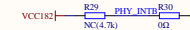
100M external PHY

RMII interface

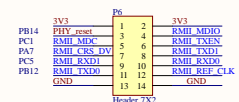


INTB function

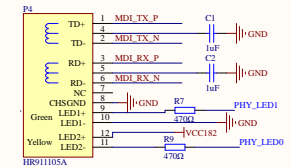
R29 Connect a 4.7K resistor to turn on the interrupt function and WOL function, at this time LED0 (pin 24) is PMEB function. Otherwise, it is LED function and LED0 is displayed normally.



RMII Interface Related IOs



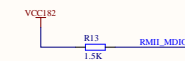
Ethernet Interface



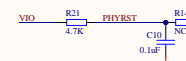
CH182 power supply



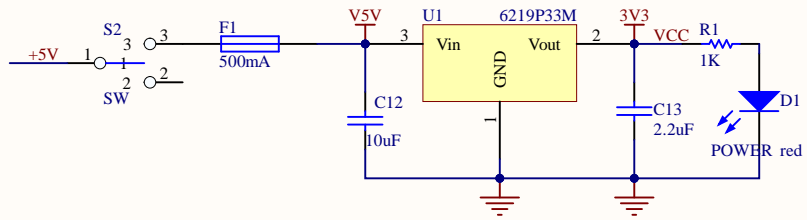
MDIO pull high



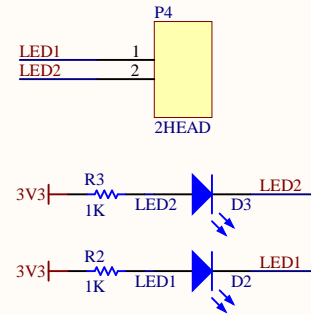
PHY Reset



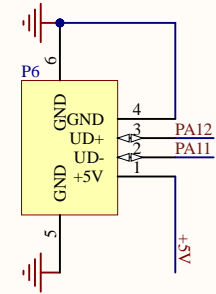
POWER



LED

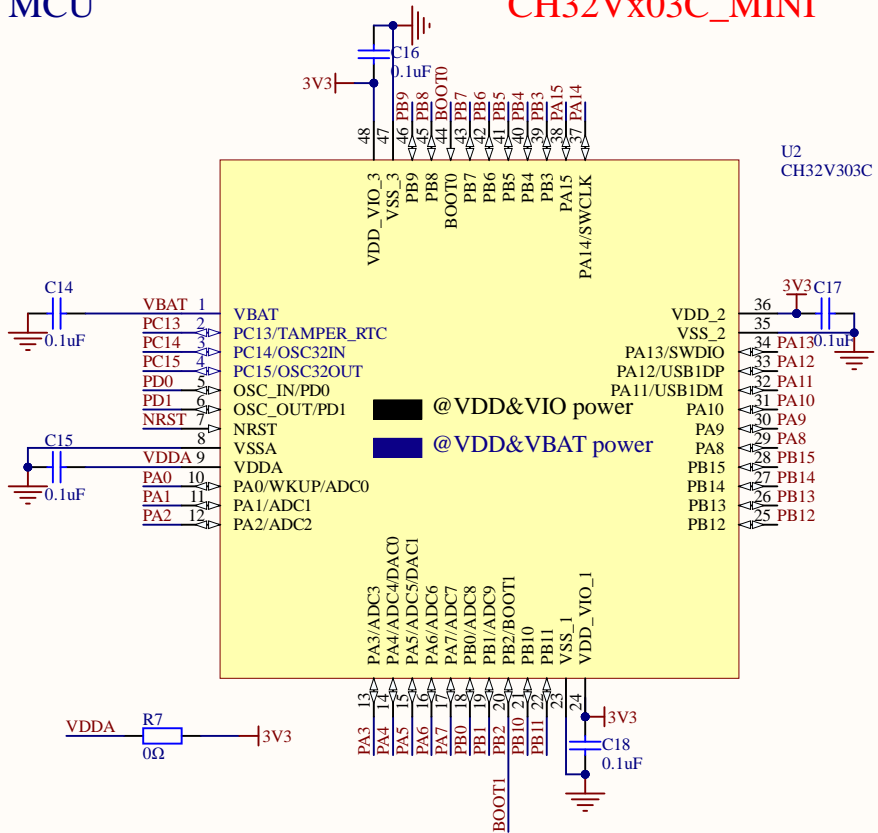


USB

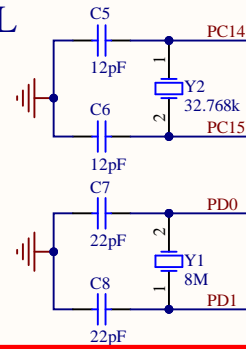


MCU

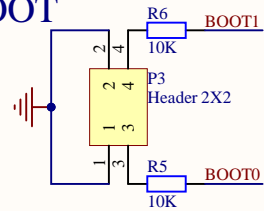
CH32Vx03C_MINI



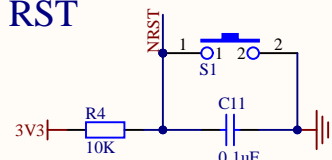
XTAL



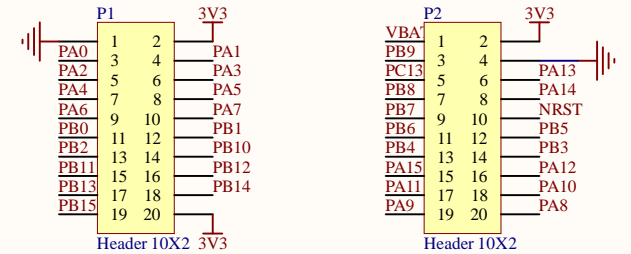
BOOT

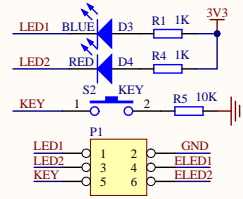
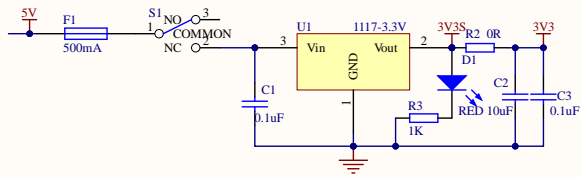


RST



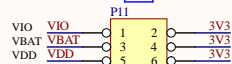
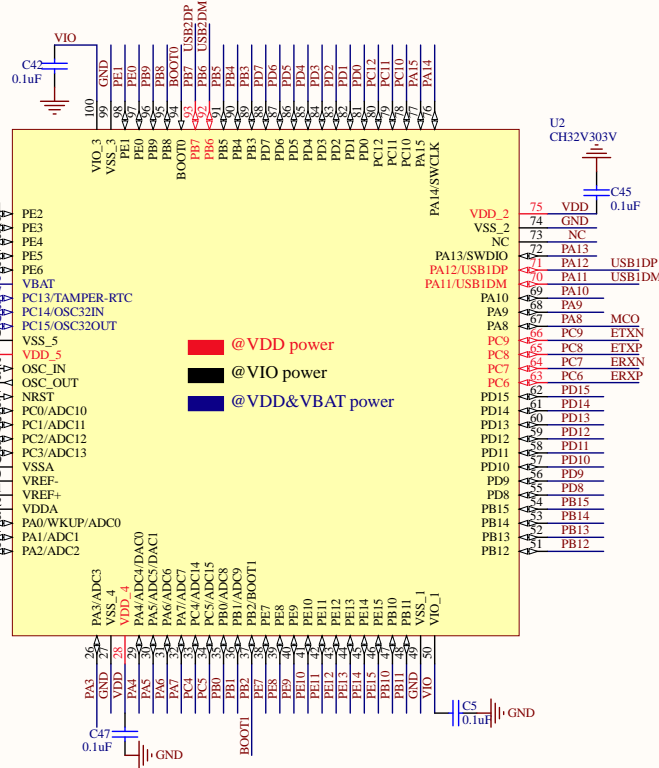
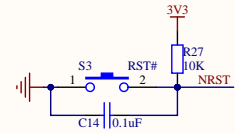
PIN



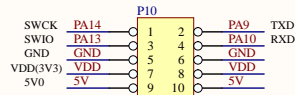


POWER

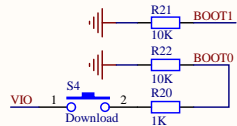
CH32xx0xV_EVT MCU



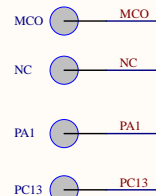
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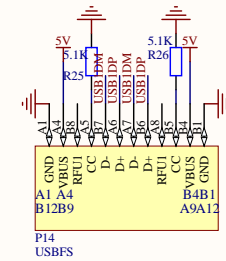
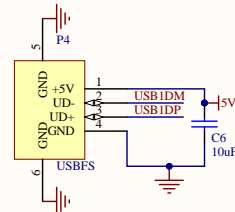
DOWNLOAD



PAD

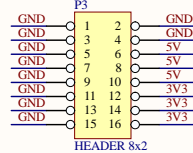
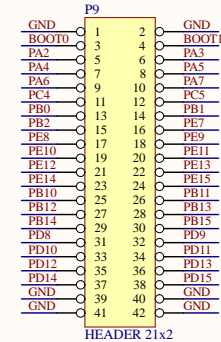
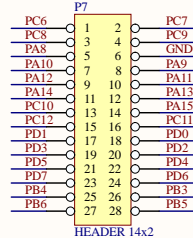
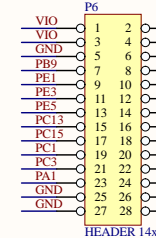


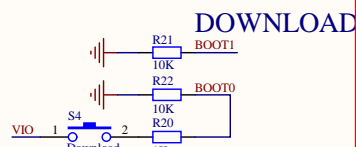
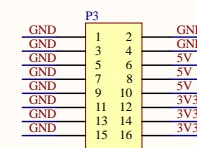
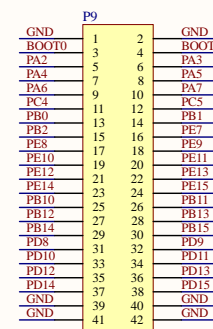
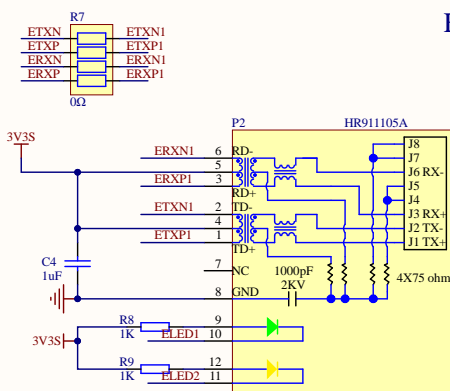
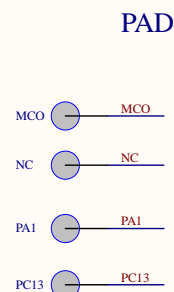
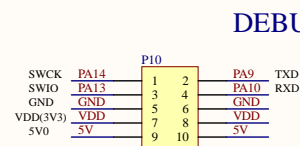
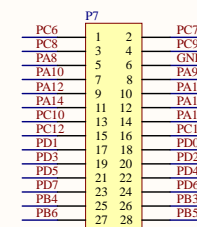
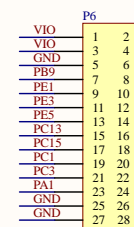
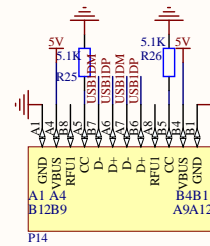
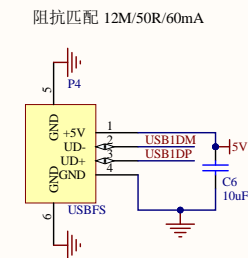
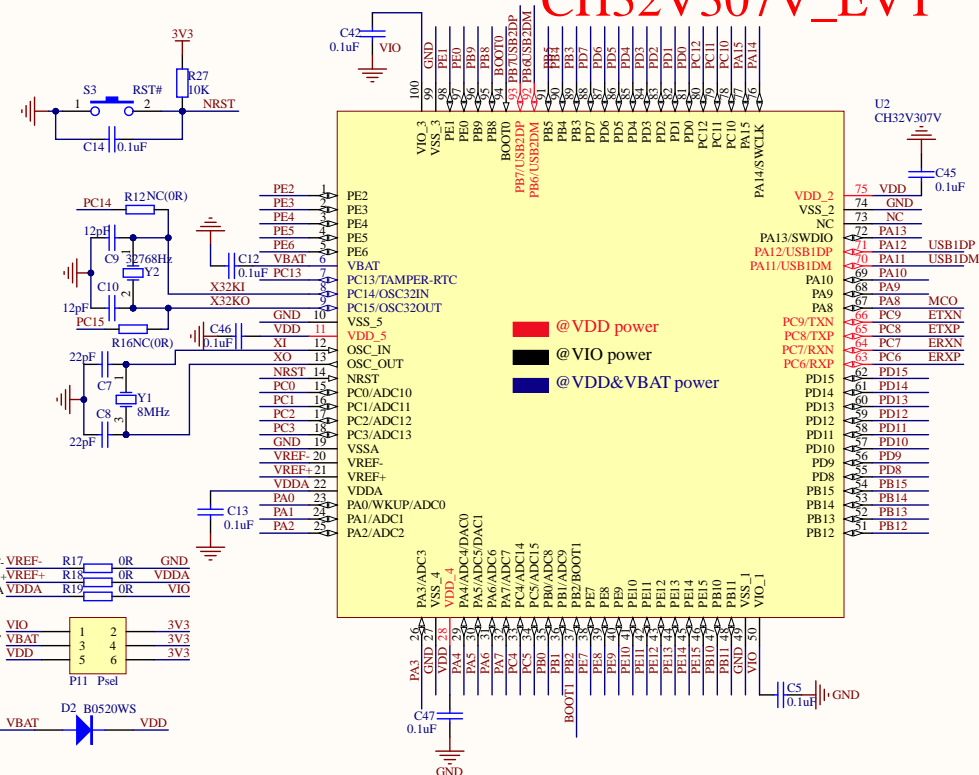
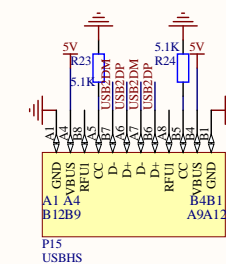
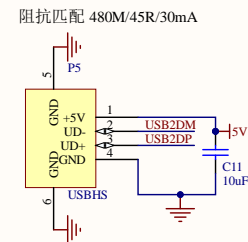
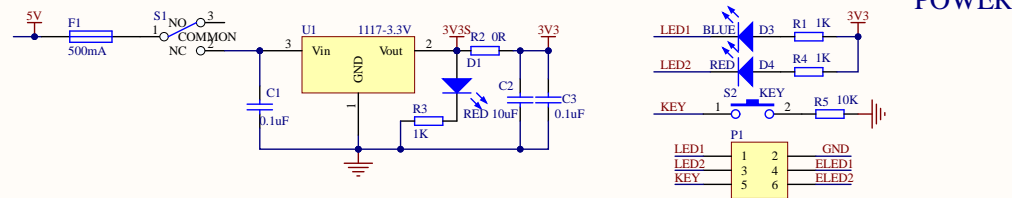
阻抗匹配 12M/50R/60mA

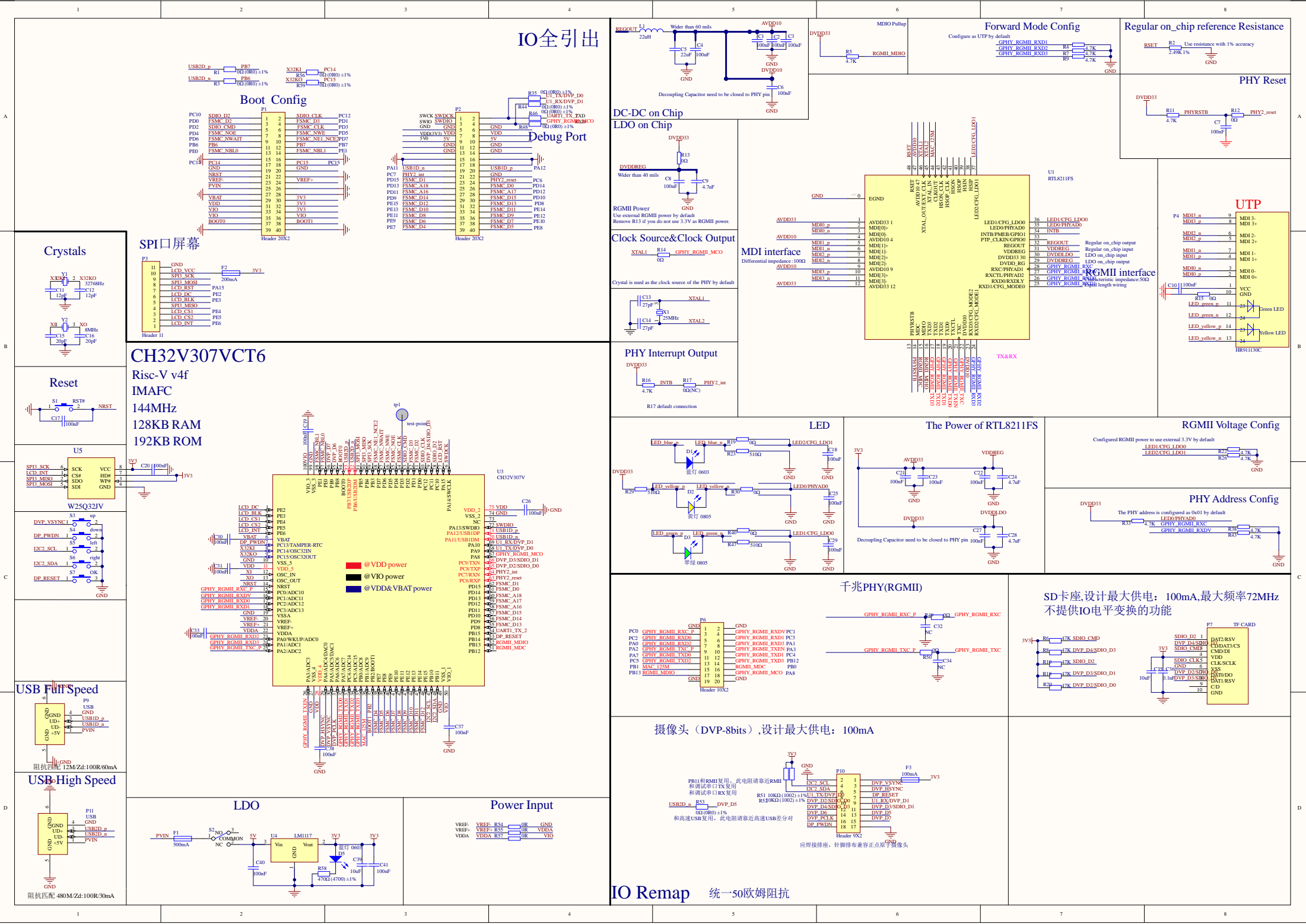


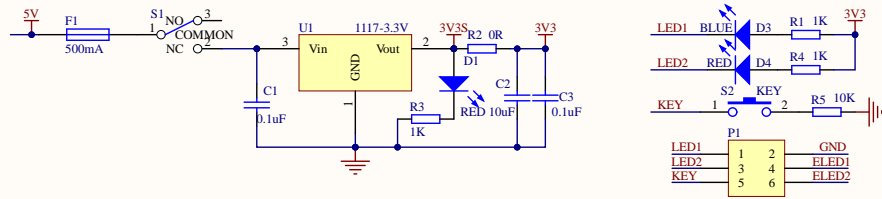
USB

PIN



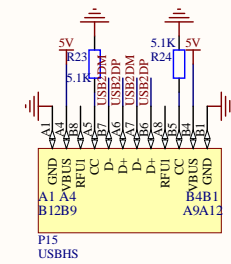
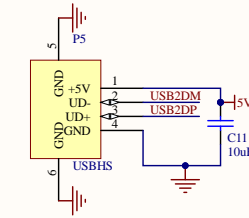




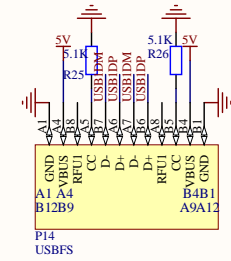
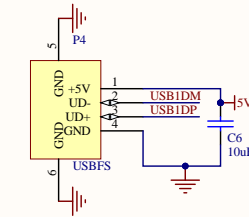


POWER

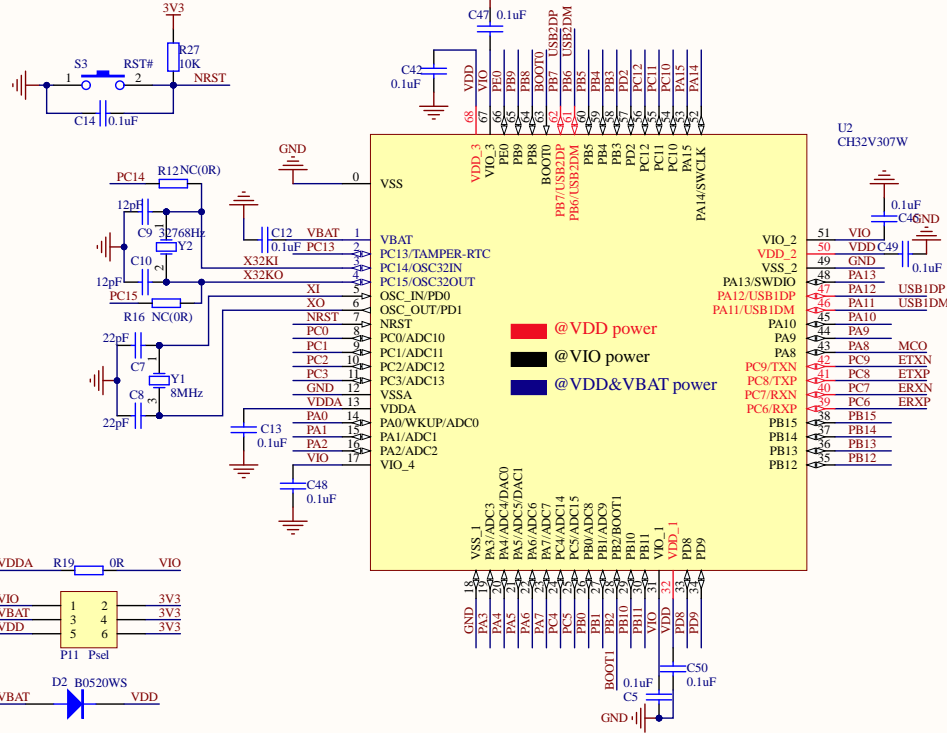
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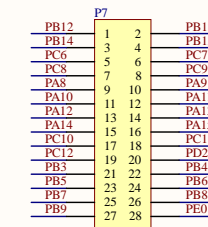
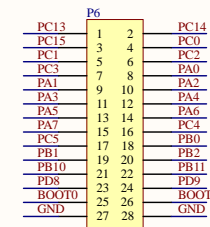
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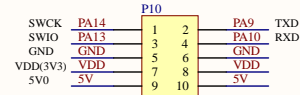
CH32V307W_EVT^{MCU}



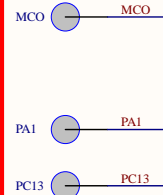
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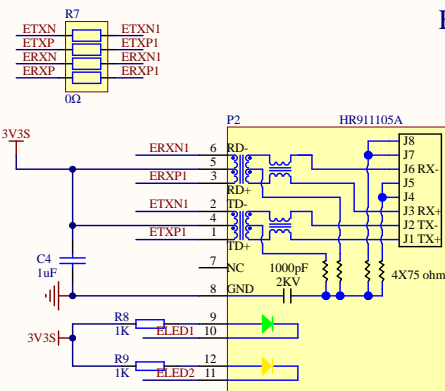
DEBUG



PAD



ETH



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