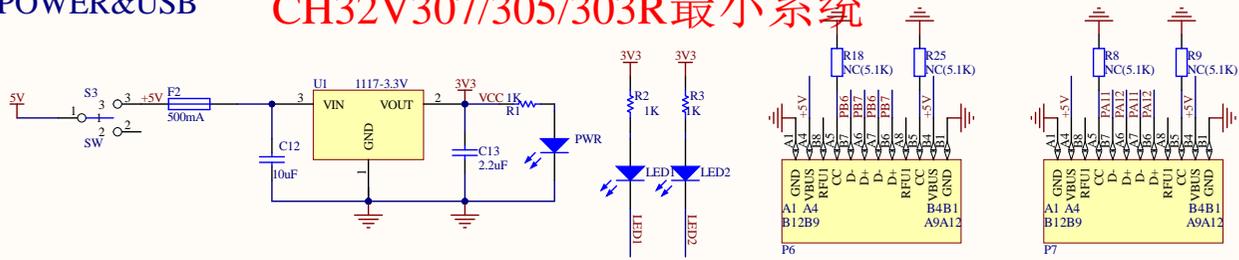




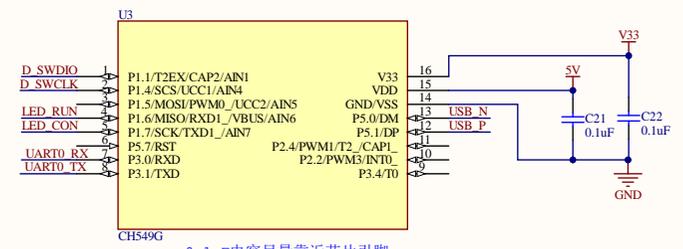
POWER&USB

CH32V307/305/303R最小系统

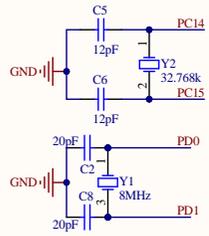


WCH\_Link

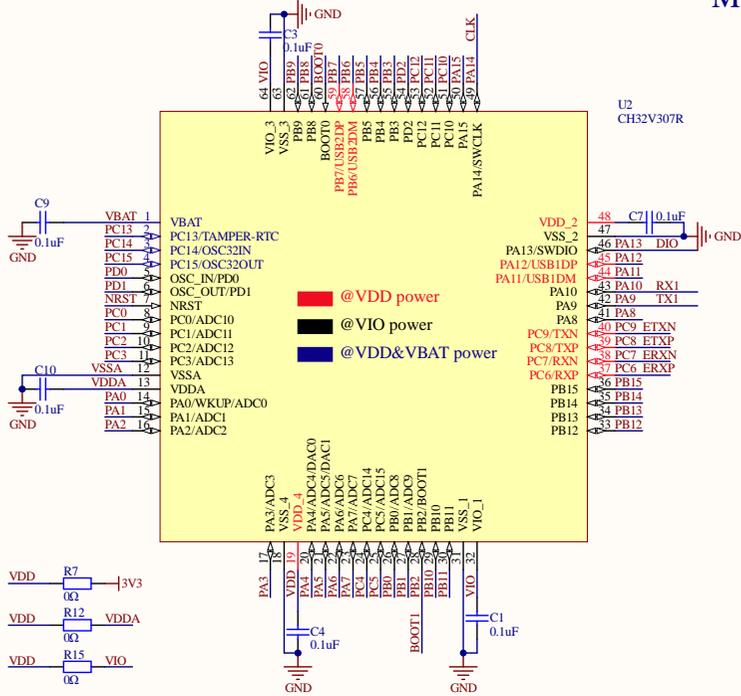
MCU



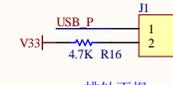
XTAL



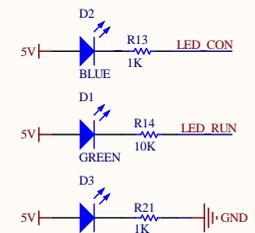
MCU



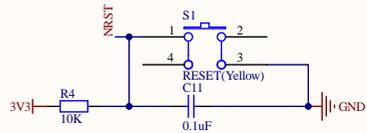
BOOT



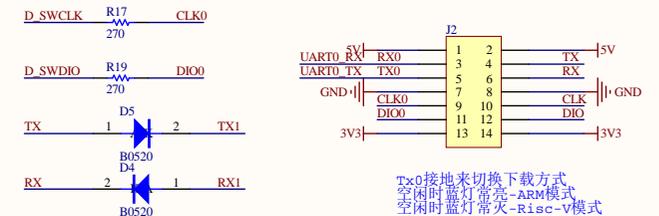
LED



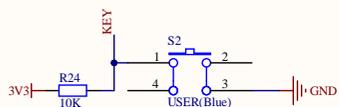
RST



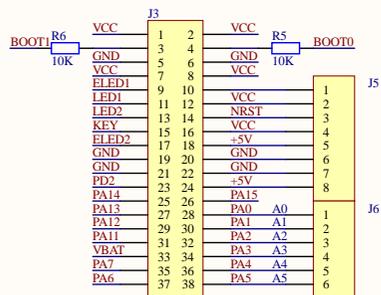
SWD&UART



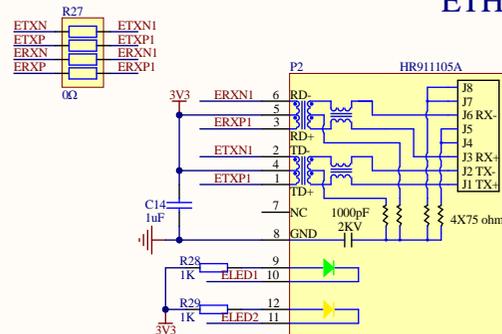
KEY



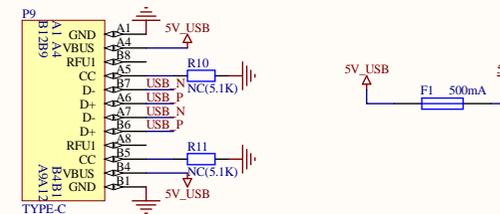
ARDUINO



ETH

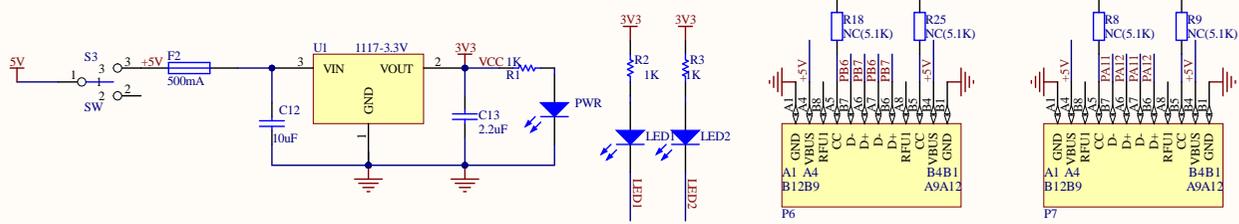


POWER&USB



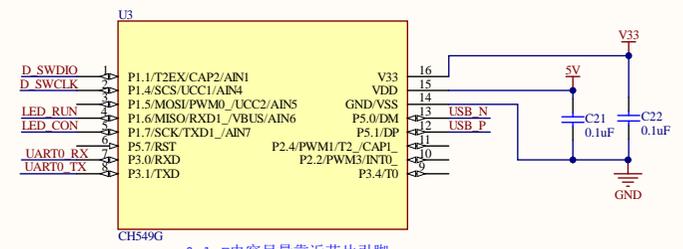
POWER&USB

CH32V307/305/303R最小系统

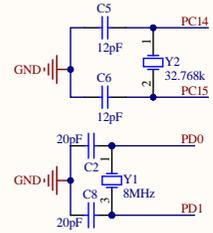


WCH\_Link

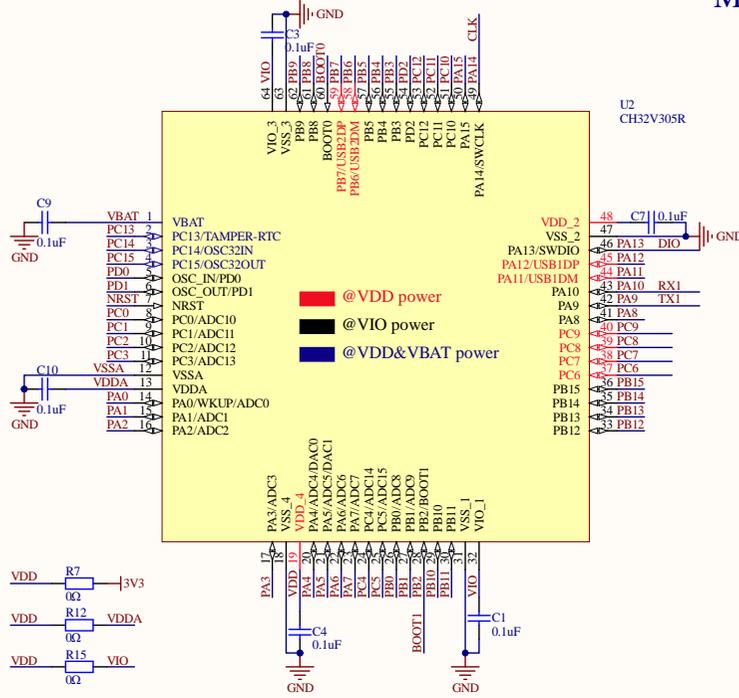
MCU



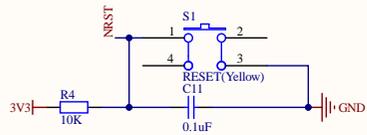
XTAL



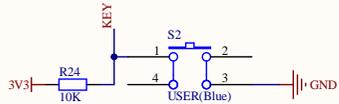
MCU



RST



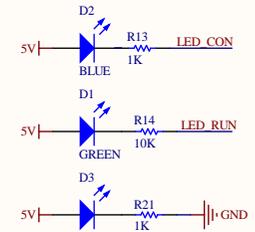
KEY



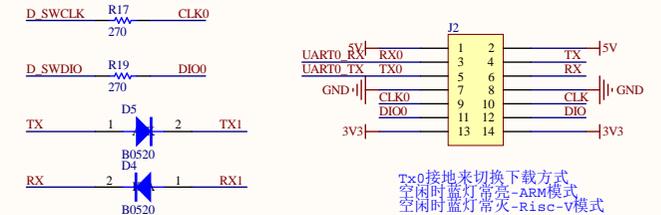
BOOT



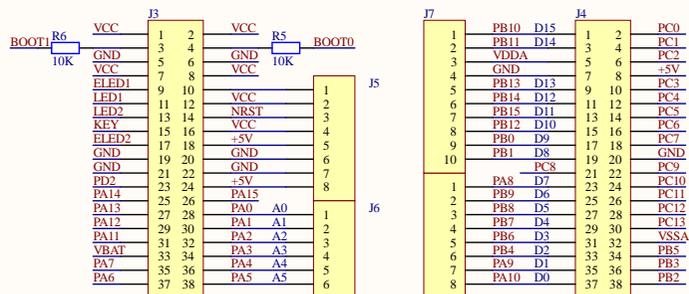
LED



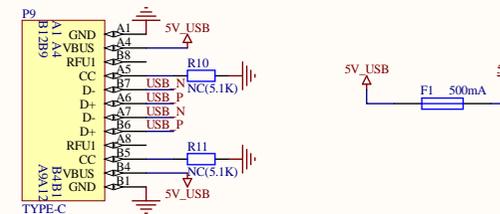
SWD&UART



ARDUINO

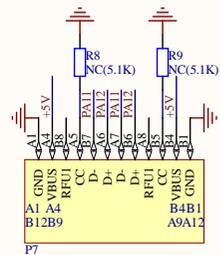
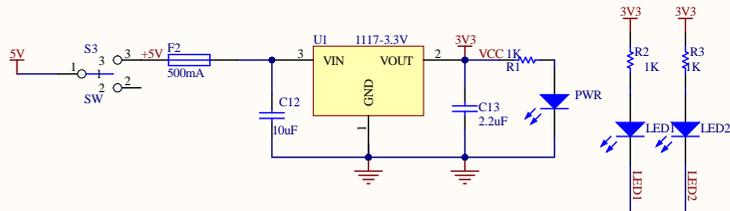


POWER&USB



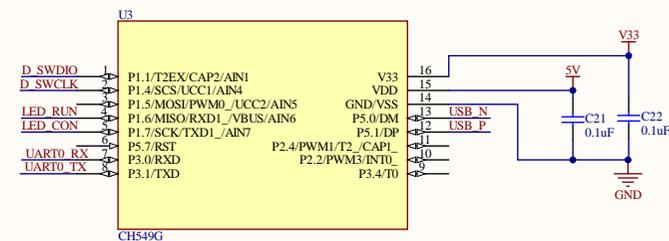
# POWER&USB

# CH32V307/305/303R最小系统



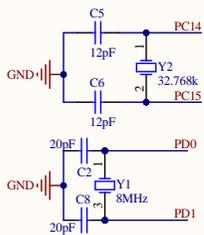
# WCH\_Link

# MCU

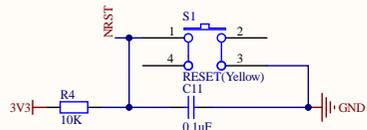


0.1uF电容尽量靠近芯片引脚

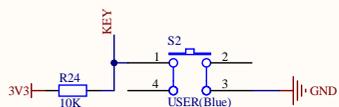
# XTAL



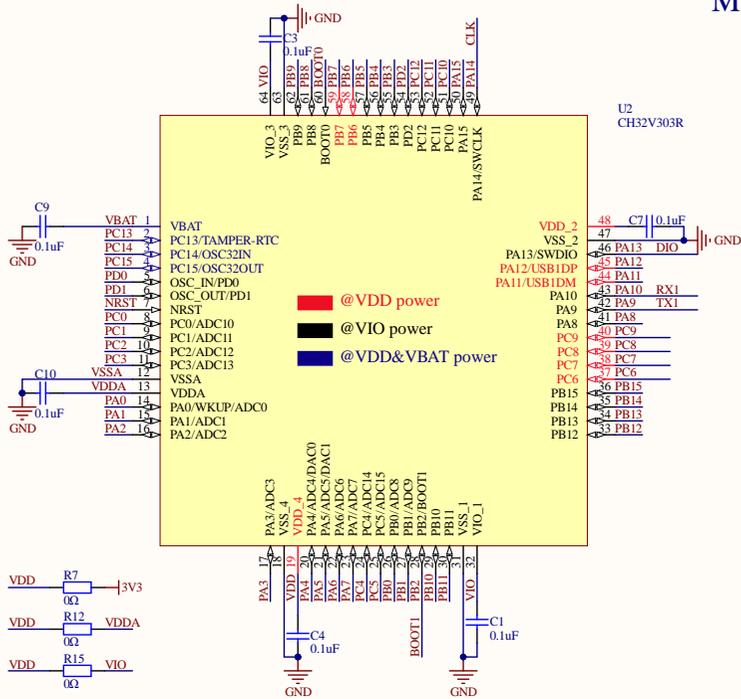
# RST



# KEY



# MCU

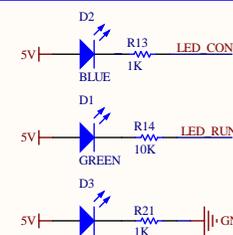


# BOOT

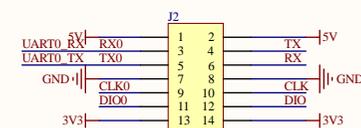
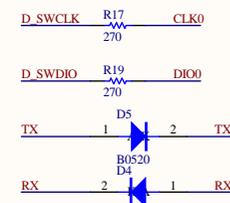


排针不焊

# LED

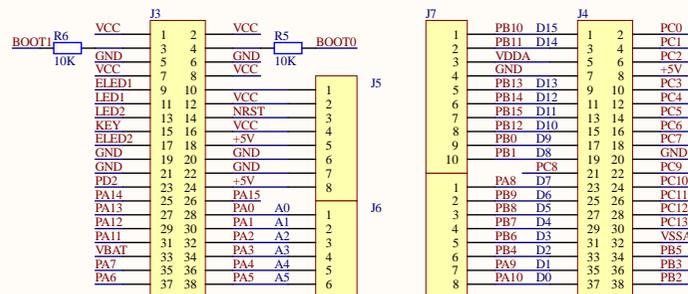


# SWD&UART

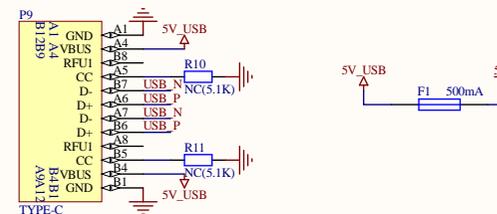


Tx0接地来切换下载方式  
空闲时蓝灯常亮-ARM模式  
空闲时蓝灯常灭-Risc-V模式

# ARDUINO

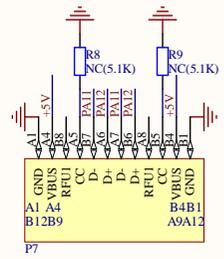
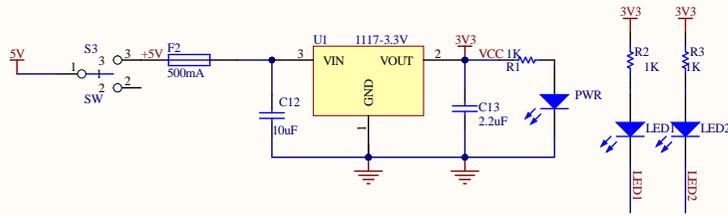


# POWER&USB



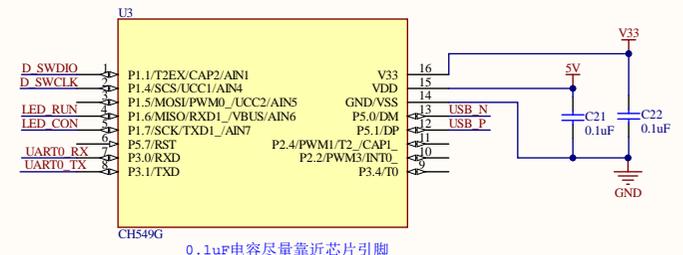
# POWER&USB

# CH32V307/305/303R最小系统



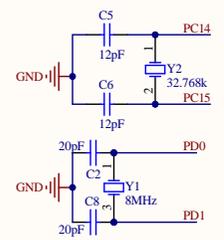
# WCH\_Link

# MCU

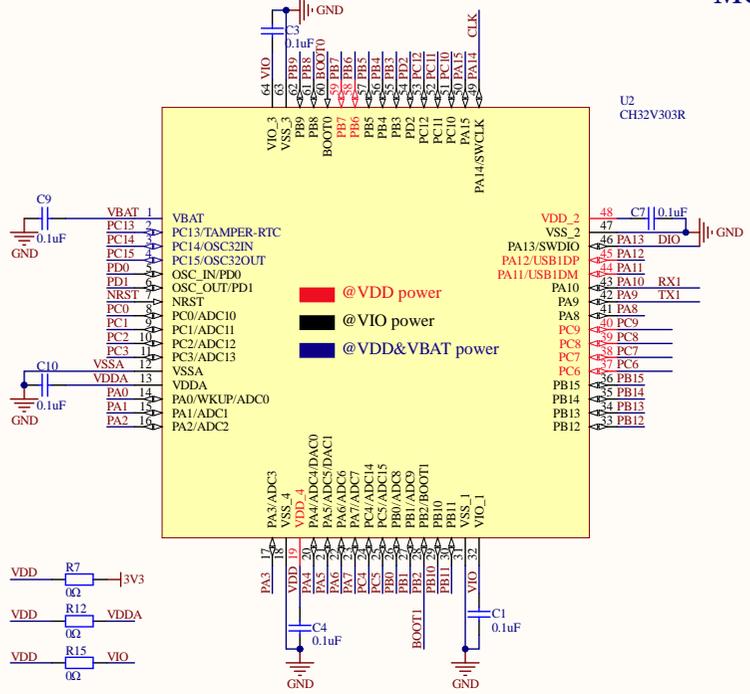


0.1uF电容尽量靠近芯片引脚

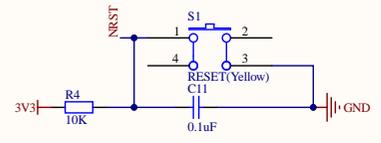
# XTAL



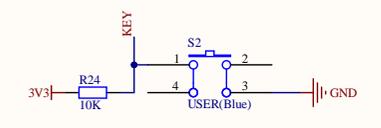
# MCU



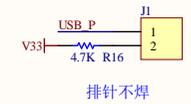
# RST



# KEY

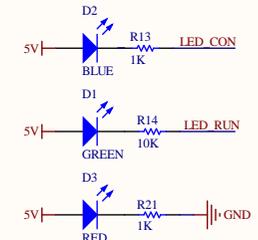


# BOOT

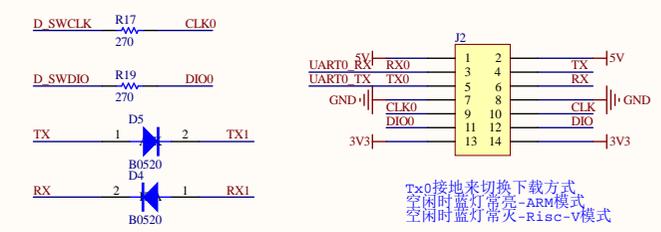


排针不焊

# LED

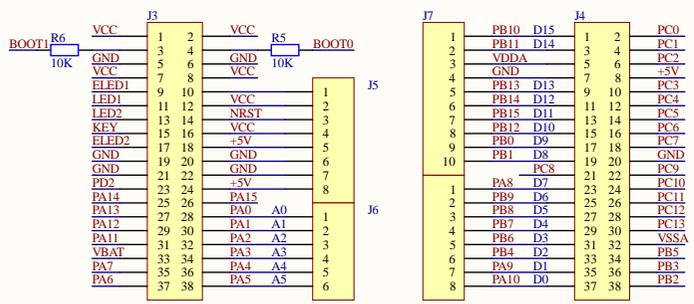


# SWD&UART

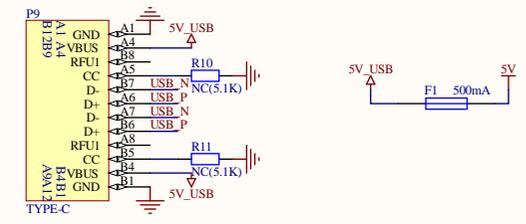


Tx0接地来切换下载方式  
空闲时蓝灯常亮-ARM模式  
空闲时蓝灯常灭-Risc-V模式

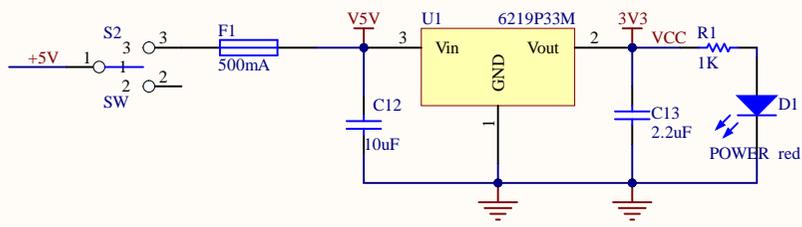
# ARDUINO



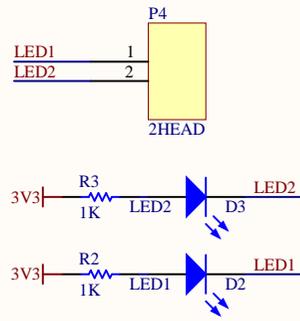
# POWER&USB



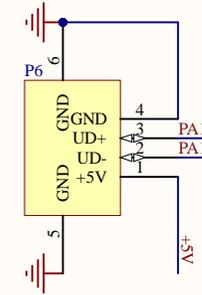
# POWER



# LED

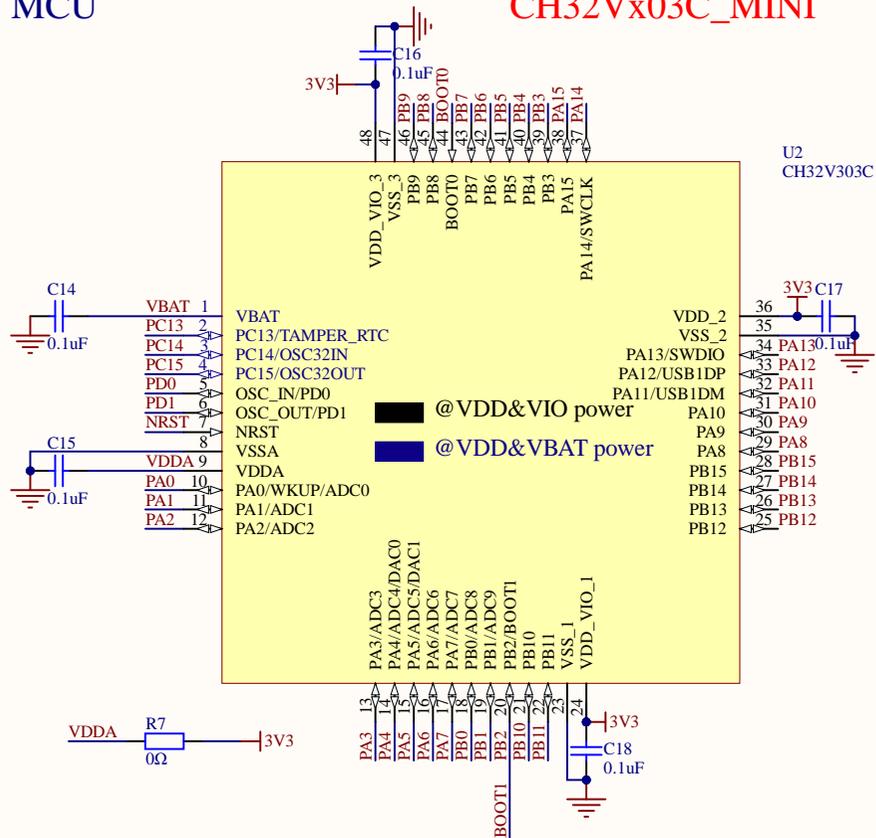


# USB

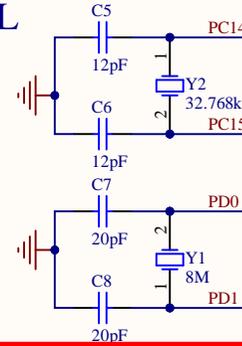


# MCU

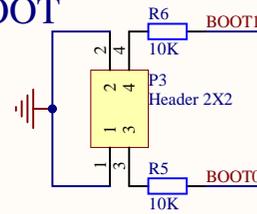
## CH32Vx03C\_MINI



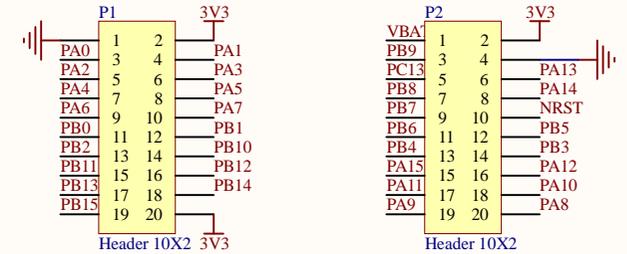
# XTAL



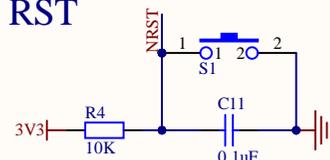
# BOOT

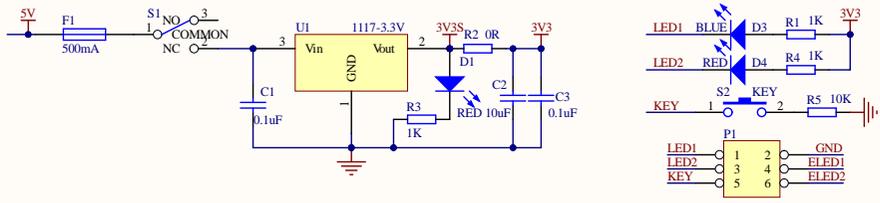


# PIN



# RST

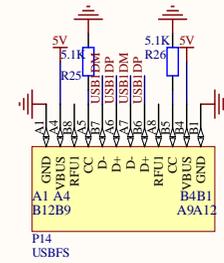
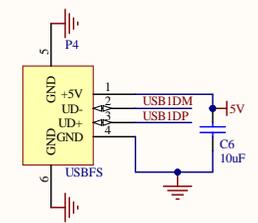




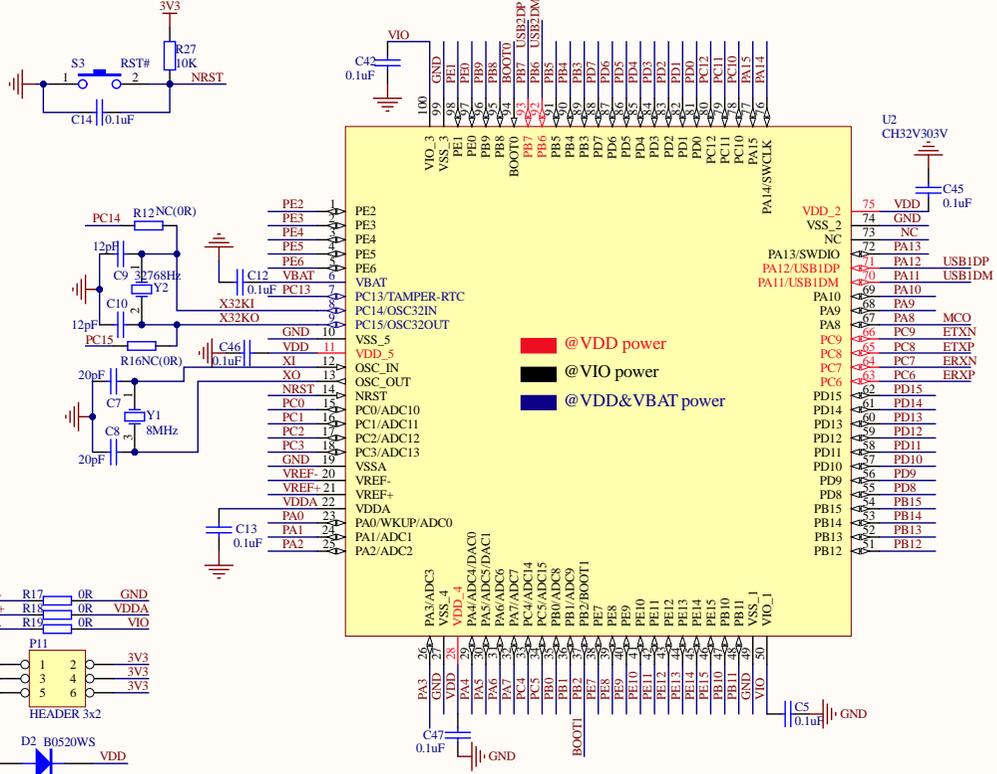
POWER

USB

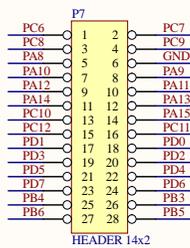
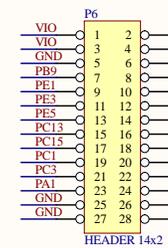
阻抗匹配 12M/50R/60mA



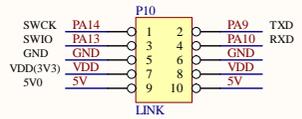
CH32xx0xV\_EVT MCU



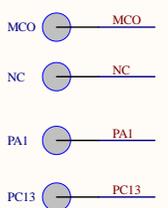
PIN



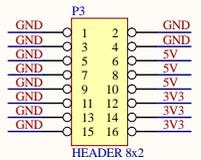
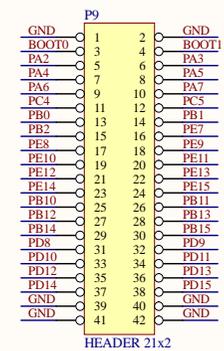
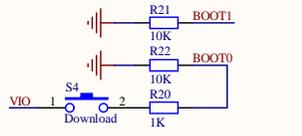
DEBUG

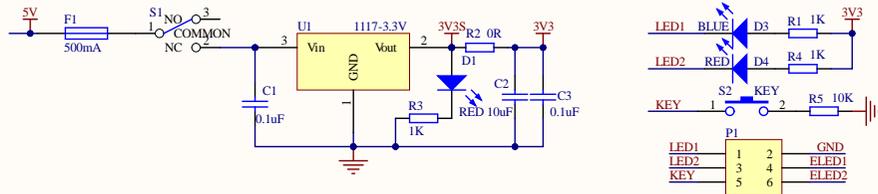


PAD



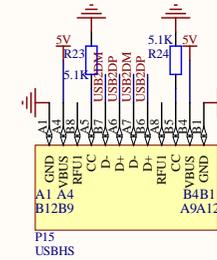
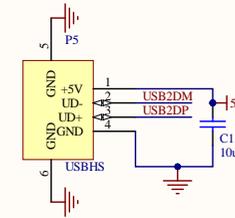
DOWNLOAD



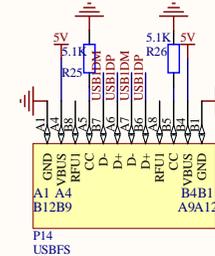
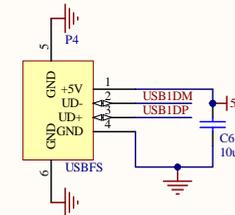


POWER

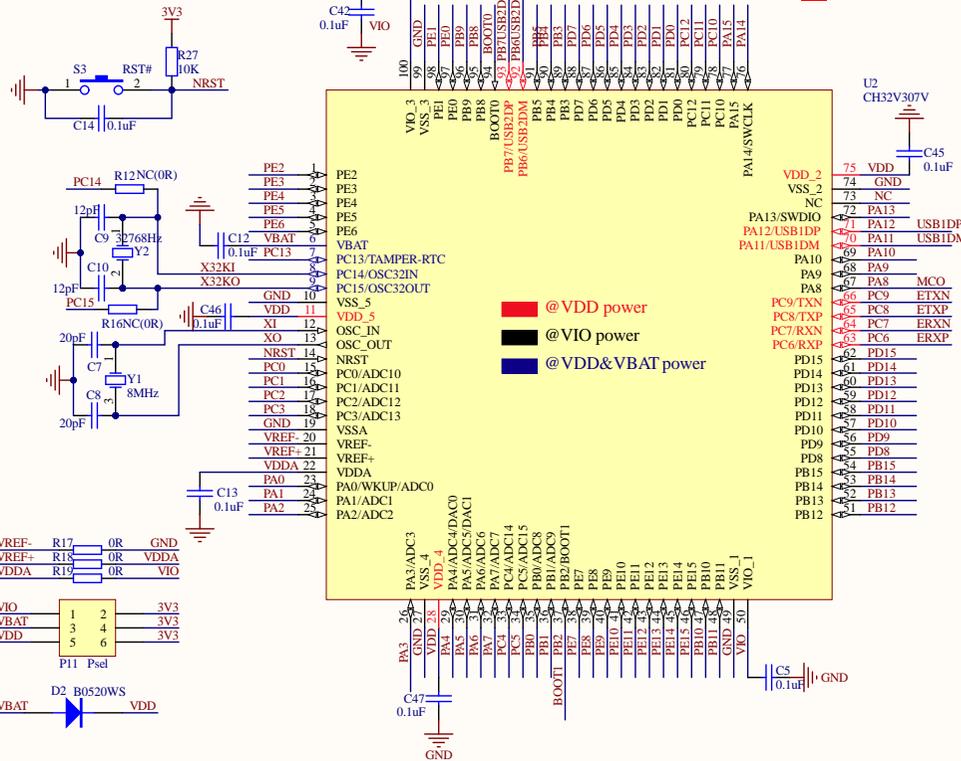
阻抗匹配 480M/45R/30mA



阻抗匹配 12M/50R/60mA



CH32V307V\_EVT MCU



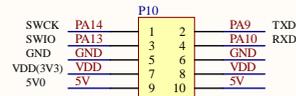
■ @ VDD power  
■ @ VIO power  
■ @ VDD&VBAT power

PIN

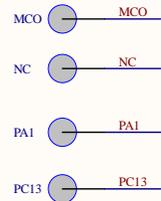
VIO	1	2	VDD
VIO	3	4	VDD
GND	5	6	PB7
PB9	7	8	PB8
PE1	9	10	PE0
PE3	11	12	PE4
PE5	13	14	PE6
PC13	15	16	PC14
PC15	17	18	PC14
PC1	19	20	PC0
PC3	21	22	PC2
PA1	23	24	PA0
GND	25	26	GND
GND	27	28	GND

PC6	1	2	PC7
PC8	3	4	PC9
PA8	5	6	GND
PA10	7	8	PA9
PA12	9	10	PA11
PA14	11	12	PA13
PC10	13	14	PA15
PC12	15	16	PC11
PD1	17	18	PD0
PD3	19	20	PD2
PD5	21	22	PD4
PD7	23	24	PD6
PB4	25	26	PB3
PB6	27	28	PB5

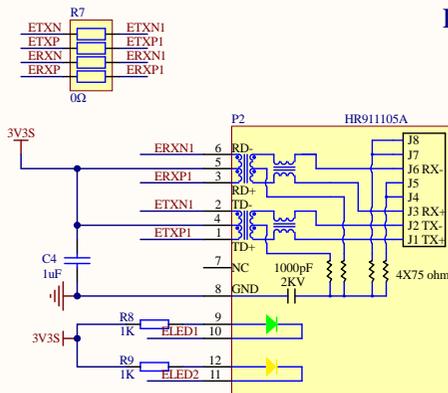
DEBUG



PAD



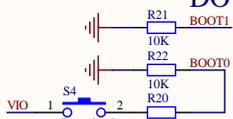
ETH



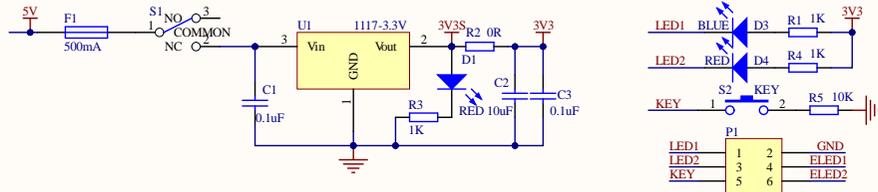
GND	1	2	GND
BOOT0	3	4	BOOT1
PA2	5	6	PA3
PA4	7	8	PA5
PA6	9	10	PA7
PC4	11	12	PC5
PB0	13	14	PB1
PB2	15	16	PE7
PE8	17	18	PE9
PE10	19	20	PE11
PE12	21	22	PE13
PE14	23	24	PE15
PB10	25	26	PB11
PB12	27	28	PB13
PB14	29	30	PB15
PD8	31	32	PD9
PD10	33	34	PD11
PD12	35	36	PD13
PD14	37	38	PD15
GND	39	40	GND
GND	41	42	GND

GND	1	2	GND
GND	3	4	GND
GND	5	6	5V
GND	7	8	5V
GND	9	10	5V
GND	11	12	3V3
GND	13	14	3V3
GND	15	16	3V3

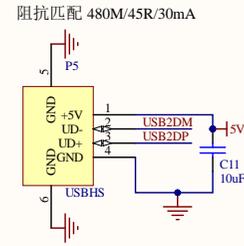
DOWNLOAD



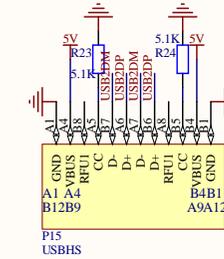




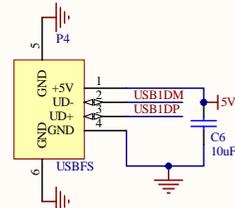
POWER



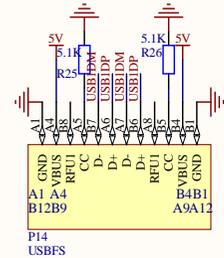
USB



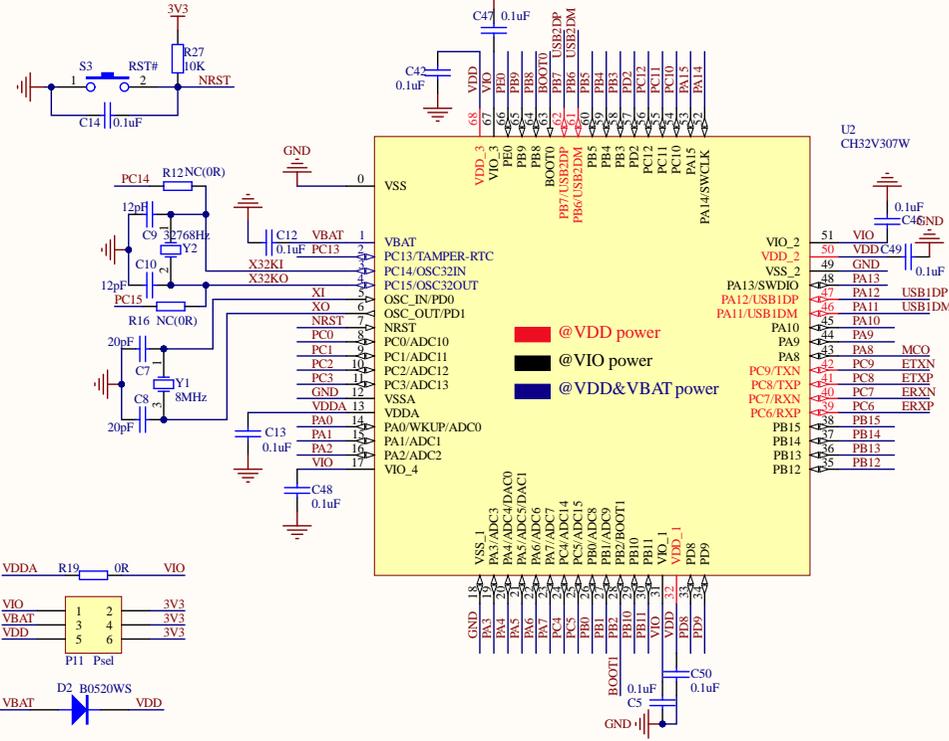
阻抗匹配 480M/45R/30mA



阻抗匹配 12M/50R/60mA



CH32V307W\_EVT<sup>MCU</sup>

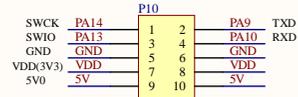


PIN

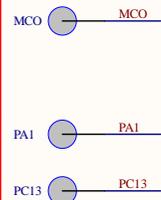
PC13	1	2	PC14
PC15	3	4	PC0
PC1	5	6	PC2
PC3	7	8	PC0
PA1	9	10	PA2
PA3	11	12	PA4
PA5	13	14	PA6
PA7	15	16	PC4
PC5	17	18	PB0
PB1	19	20	PB2
PB10	21	22	PB11
PB10	23	24	PB1
PB8	25	26	PB7
BOOT0	27	28	BOOT0
GND			GND

PB12	1	2	PB13
PB14	3	4	PB15
PC6	5	6	PC7
PC8	7	8	PC9
PA8	9	10	PA9
PA10	11	12	PA11
PA12	13	14	PA13
PA14	15	16	PA15
PC10	17	18	PC11
PC12	19	20	PC12
PB3	21	22	PB4
PB5	23	24	PB6
PB7	25	26	PB8
PB9	27	28	PE0

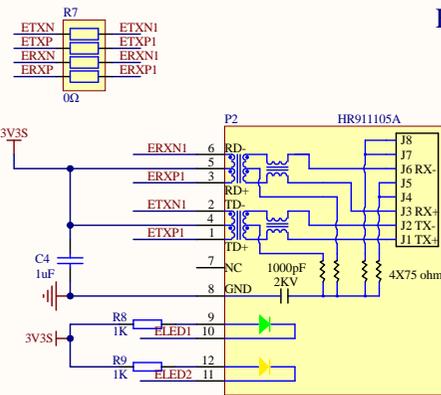
DEBUG



PAD



ETH



DOWNLOAD

