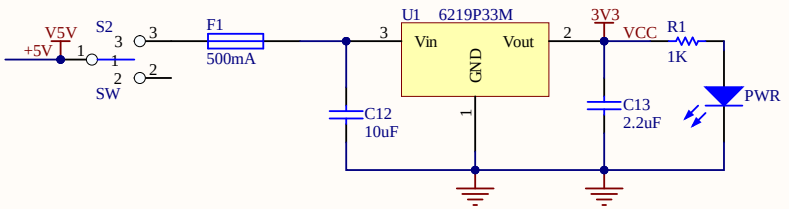
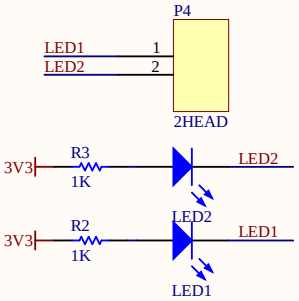
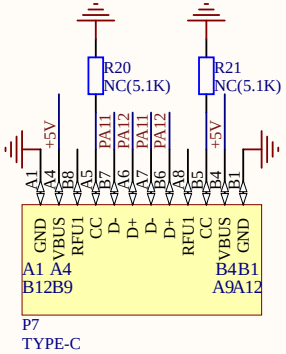
POWER



LED

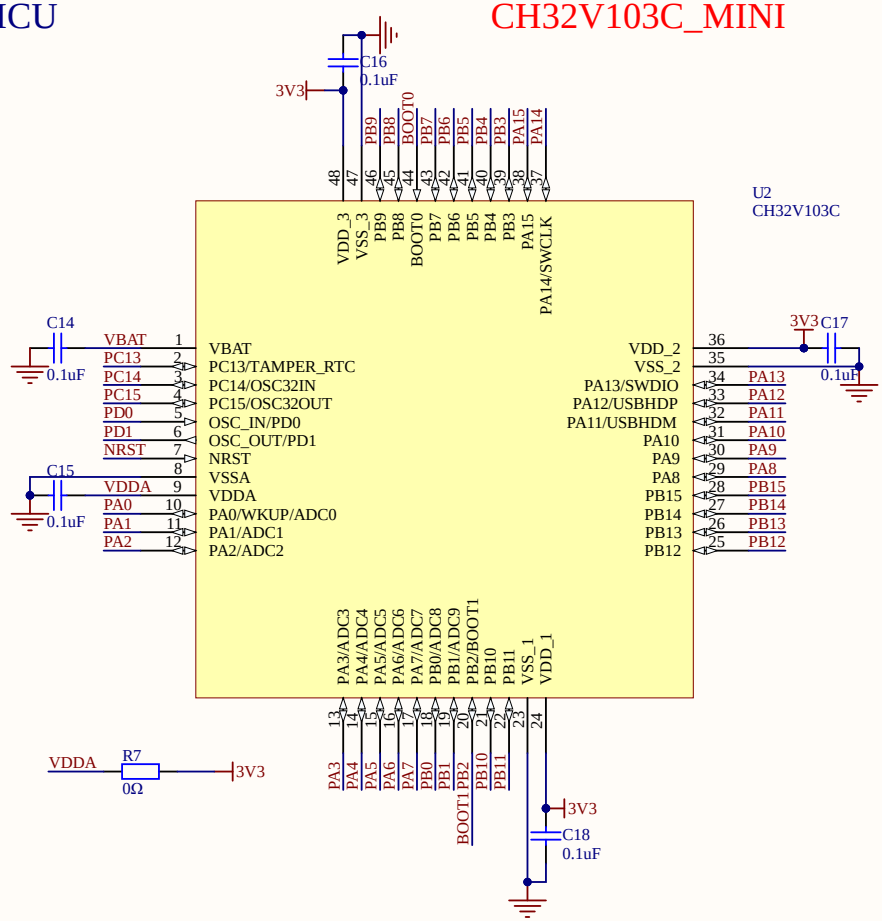


USB

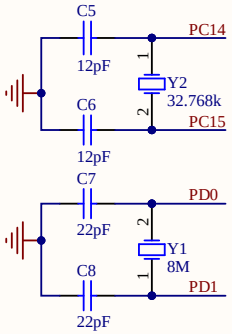


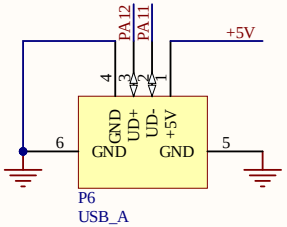
MCU

CH32V103C_MINI

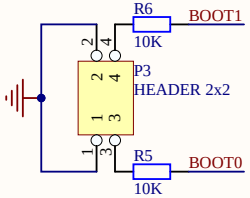


XTAL

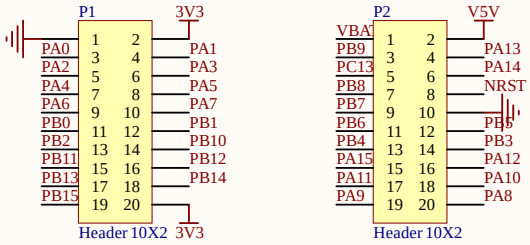




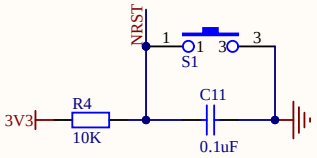
BOOT



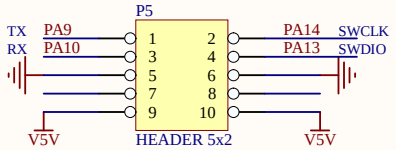
PIN



RST

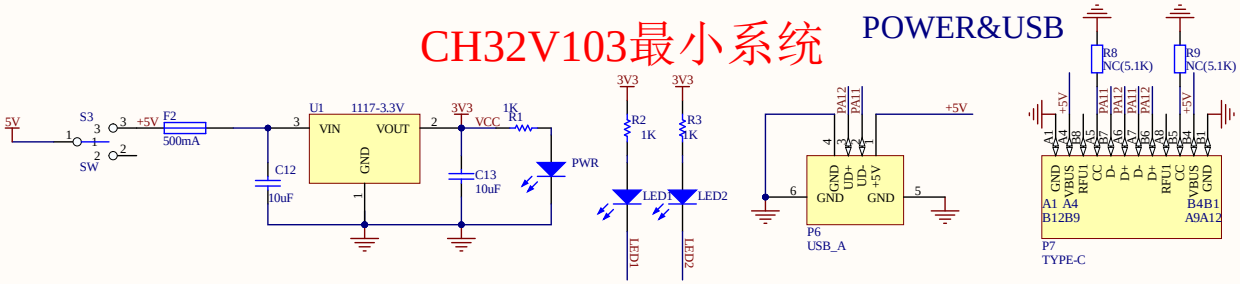


DEBUG



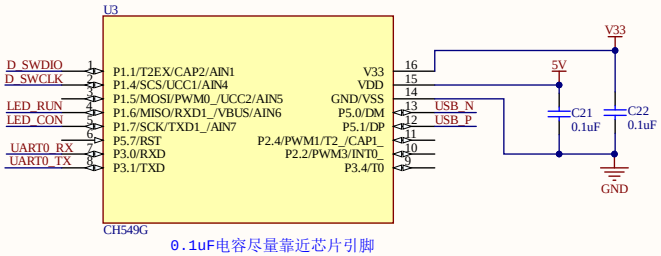
CH32V103最小系统

POWER&USB

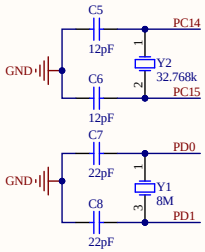


WCH_Link

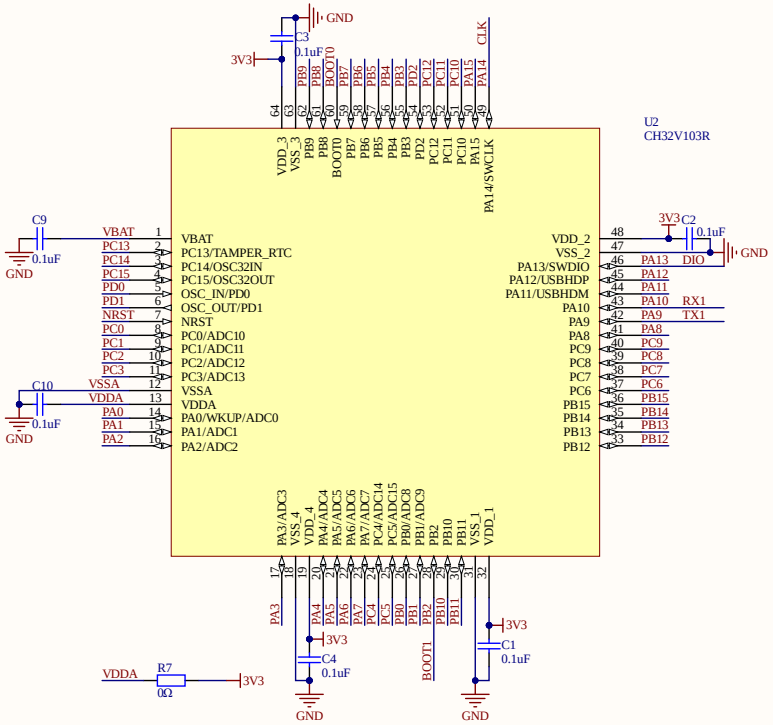
MCU



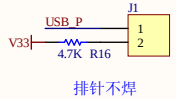
XTAL



MCU

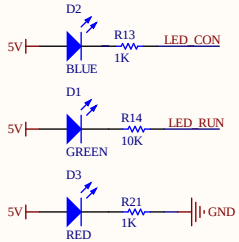


BOOT

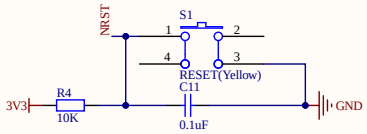


排针不焊

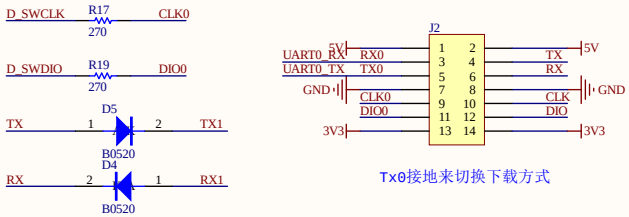
LED



RST

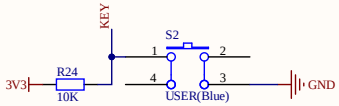


SWD&UART

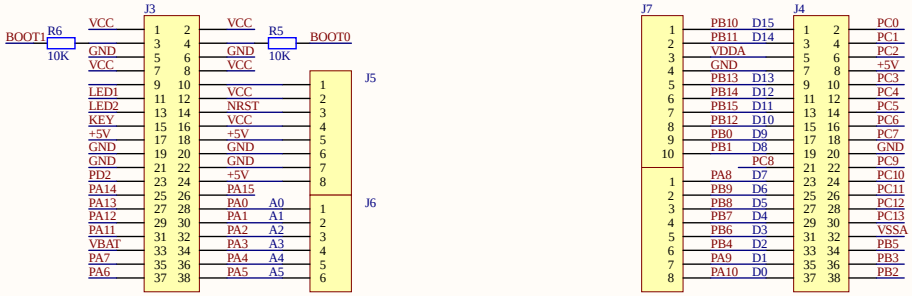


Tx0接地来切换下载方式

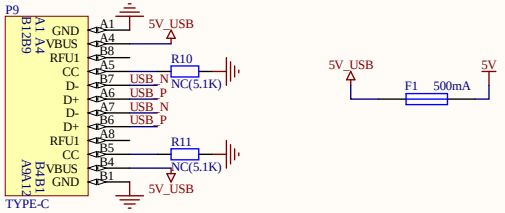
KEY



ARDUINO

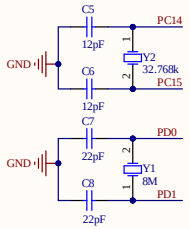


POWER&USB

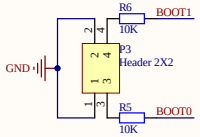


CH32V103C_EVT

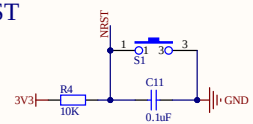
XTAL



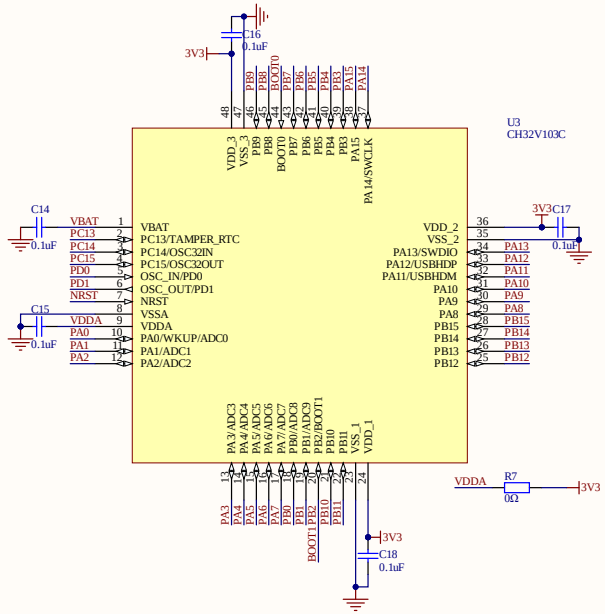
BOOT



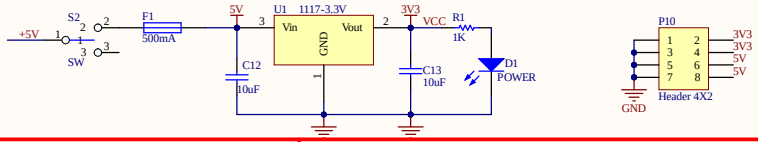
RST



MCU

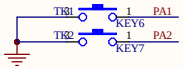


POWER

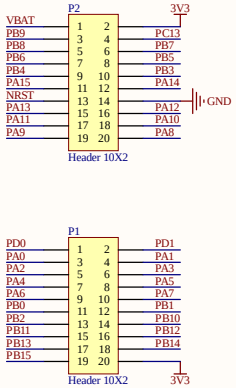


TOUCHKEY

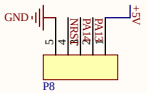
平面按键（大圆盘）



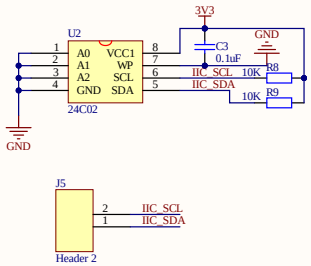
PIN



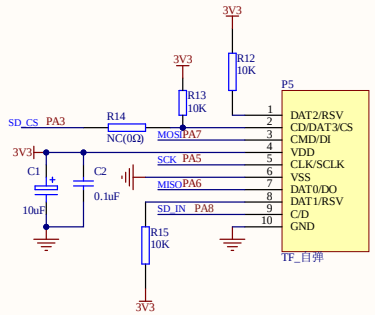
DEBUG



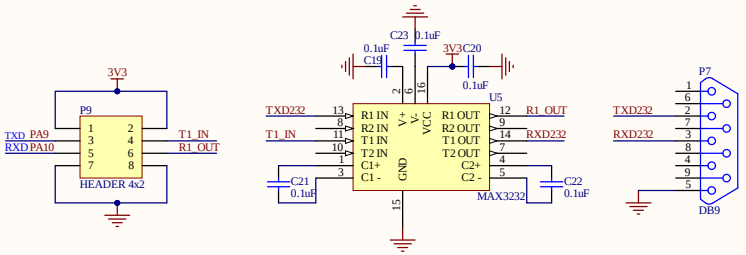
EEPROM



TF CARD

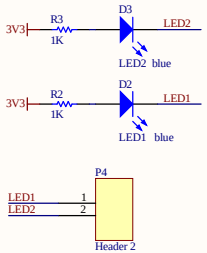


UART

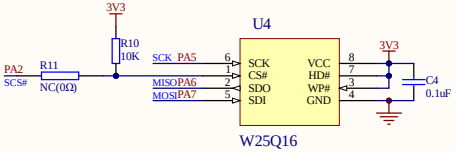


若使用232，则用跳冒连接3-4、5-6

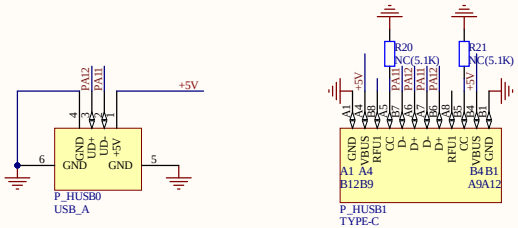
LED

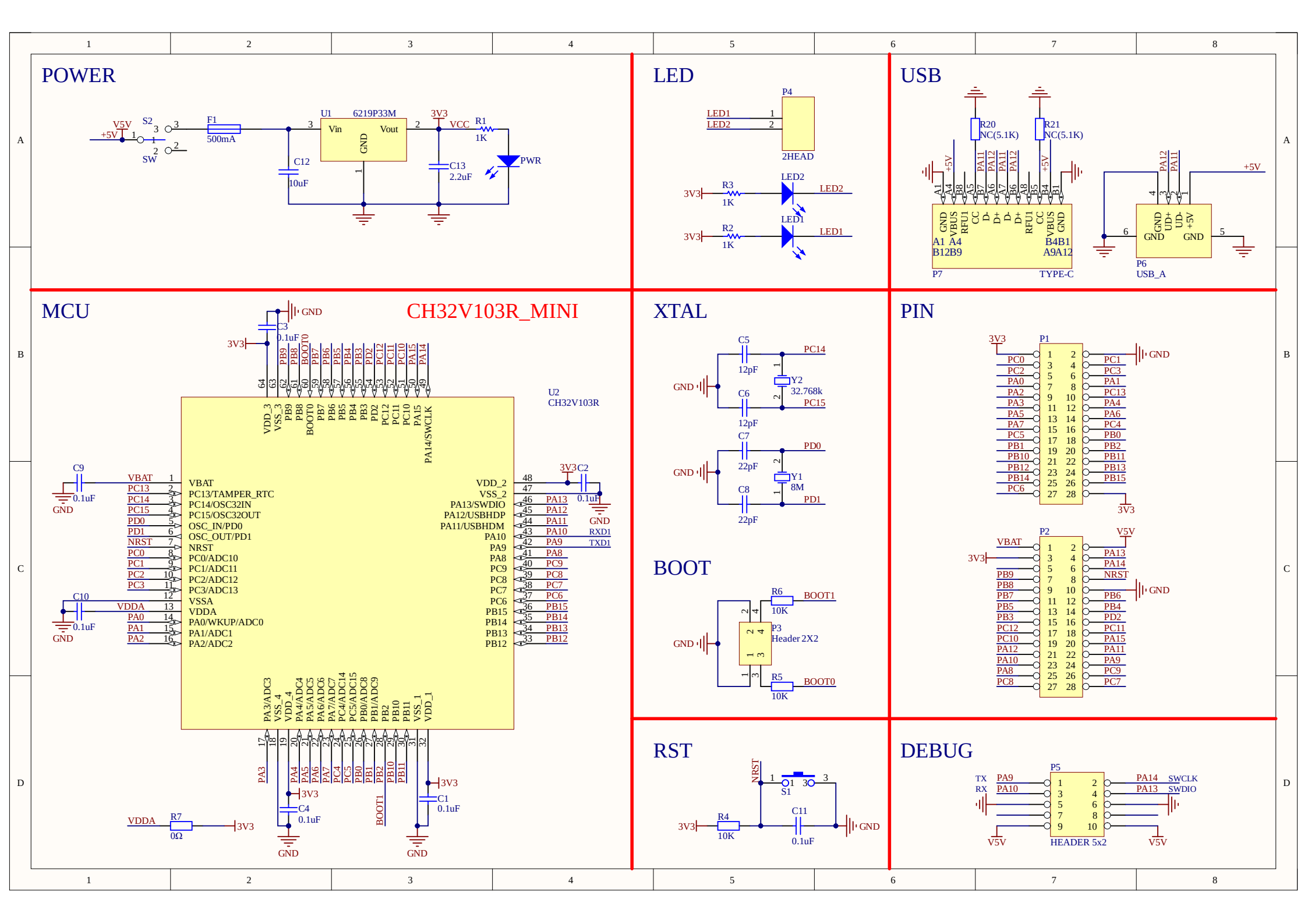


SPI FLASH



USB




POWER
V5V
+5V
S2
SW
F1
500mA
U1
6219P33M
Vin
GND
Vout
3V3
VCC
R1
1K
PWR
C12
10uF
C13
2.2uF
LED
P4
LED1
LED2
2HEAD
R3
1K
R2
1K
USB
R20
NC(5.1K)
R21
NC(5.1K)
A1 A4
B12B9
B4B1
A9A12
P7
TYPE-C
P6
USB_A
MCU
CH32V103R_MINI
U2
CH32V103R
C3
0.1uF
BOOT0
VBAT
PC13/TAMPER_RTC
PC14/OSC32IN
PC15/OSC32OUT
OSC_IN/PD0
OSC_OUT/PD1
NRST
PC0/ADC10
PC1/ADC11
PC2/ADC12
PC3/ADC13
VSSA
VDDA
PA0/WKUP/ADC0
PA1/ADC1
PA2/ADC2
VDD_2
VSS_2
PA13/SWDIO
PA12/USBHDP
PA11/USBHDM
PA10
PA9
PA8
PC9
PC8
PC7
PC6
PB15
PB14
PB13
PB12
C9
C10
C2
R7
0Ω
C4
C1
XTAL
C5
12pF
C6
12pF
Y2
32.768k
C7
22pF
C8
22pF
Y1
8M
BOOT
R6
10K
BOOT1
P3
Header 2X2
R5
10K
BOOT0
PIN
P1
P2
RST
NRST
S1
R4
10K
C11
0.1uF
DEBUG
P5
TX
RX
PA9
PA10
PA14
PA13
SWCLK
SWDIO
HEADER 5x2