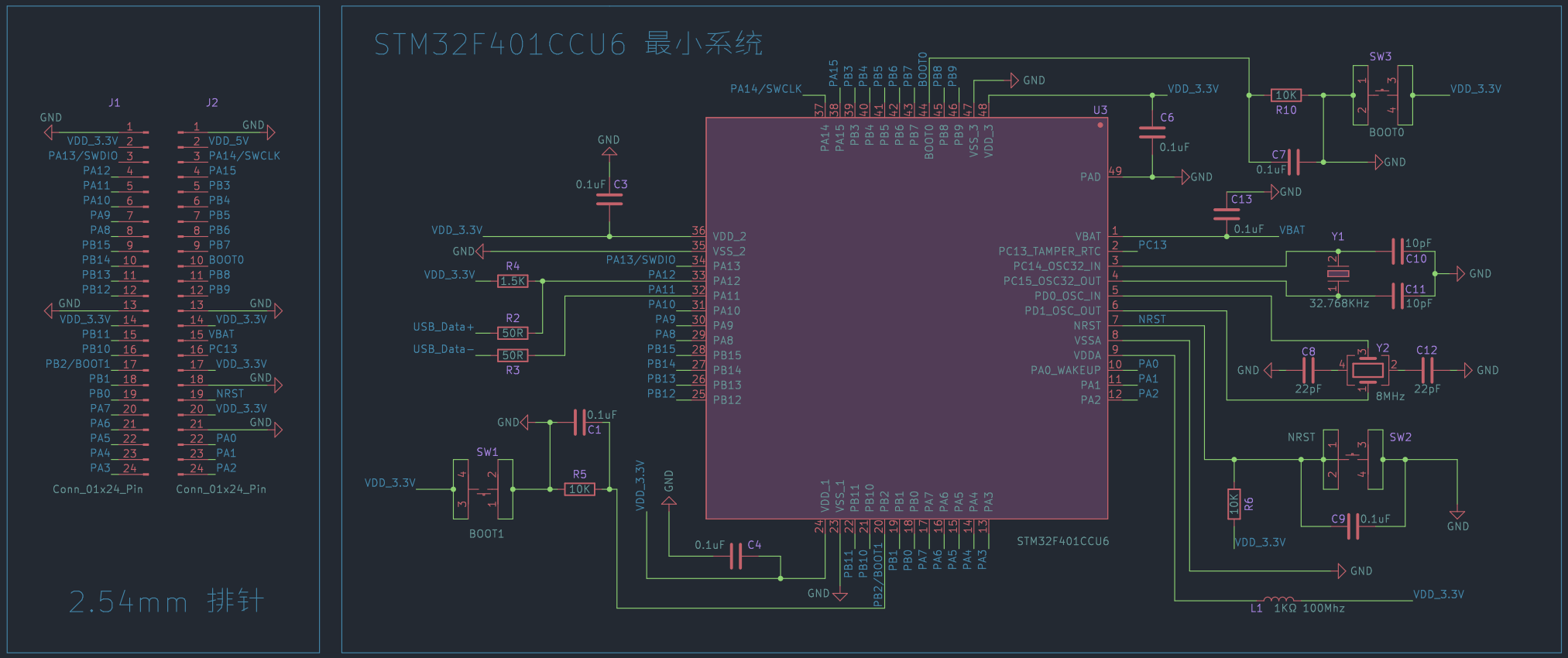
STM32F401CCU6 最小系统
J1
J2
Conn_01x24_Pin
Conn_01x24_Pin
2.54mm 排针
U3
STM32F401CCU6
PA14/SWCLK
PA13/SWDIO
USB_Data+
USB_Data-
R4 1.5K
R2 50R
R3 50R
R5 10K
R10 10K
R6 10K
R8 10K
R9 10K
R11 5.1K
R12 5.1K
R1 2K
C1 0.1uF
C2 1uF
C3 0.1uF
C4 0.1uF
C5 1uF
C6 0.1uF
C7 0.1uF
C8 22pF
C9 0.1uF
C10 10pF
C11 10pF
C12 22pF
C13 0.1uF
Y1 32.768KHz
Y2 8MHz
L1 1KΩ 100Mhz
SW1
BOOT1
SW2
SW3
BOOT0
NRST
VBAT
PC13
VDD_3.3V
VDD_5V
GND
J3
Conn_01x04_Pin
SWD 调试接口
USB1
USB_Type_C_16Pin
PWR_FLAG
USB Type-C 接口电路
U1
ME6211C33M5G-N
LED_Red
D1
3.3V 线性稳压电路
UINIO.com 电子技术工作室
Sheet: /
File: UINIO-MCU-STM32F401CCU6.kicad_sch
Title: UINIO-MCU-STM32F401CCU6
Size: A4
Date: 2024-02-06
Rev: Version 3.0.0
KiCad E.D.A. kicad 7.0.10
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