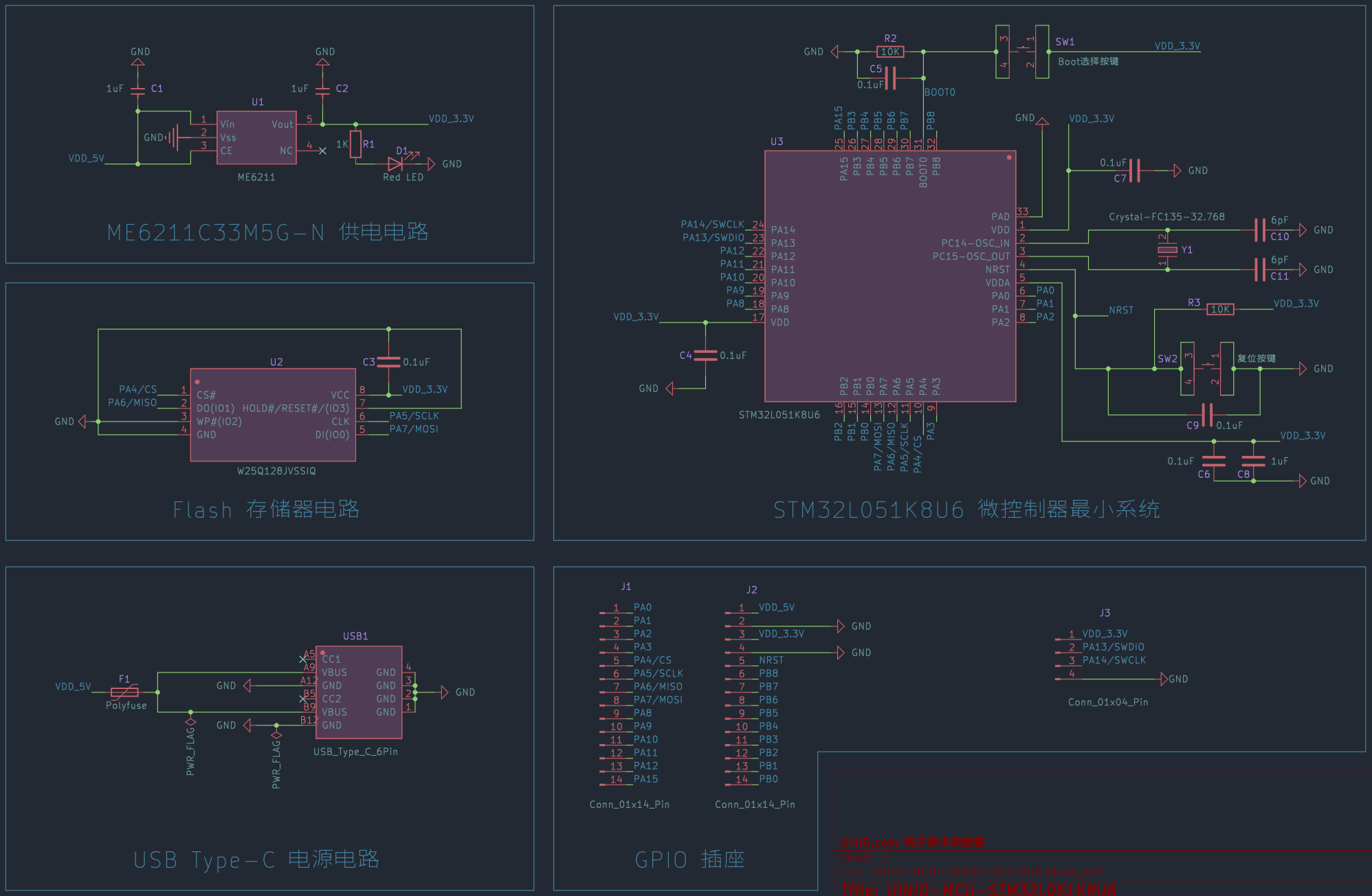
ME6211C33M5G-N 供电电路
U1
ME6211
Vin
Vout
Vss
CE
NC
GND
VDD_5V
VDD_3.3V
1uF C1
1uF C2
1K R1
D1
Red LED
Flash 存储器电路
U2
W25Q128JVSSIQ
CS#
DO(IO1)
WP#(IO2)
GND
VCC
HOLD#/RESET#/(IO3)
CLK
DI(IO0)
PA4/CS
PA6/MISO
PA5/SCLK
PA7/MOSI
C3 0.1uF
STM32L051K8U6 微控制器最小系统
U3
STM32L051K8U6
R2 10K
C5 0.1uF
BOOT0
SW1
Boot选择按键
C4 0.1uF
C7 0.1uF
Crystal-FC135-32.768
Y1
C10 6pF
C11 6pF
NRST
R3 10K
SW2
复位按键
C9 0.1uF
C6 0.1uF
C8 1uF
PA14/SWCLK
PA13/SWDIO
PC14-OSC_IN
PC15-OSC_OUT
USB Type-C 电源电路
USB1
USB_Type_C_6Pin
F1
Polyfuse
PWR_FLAG
CC1
CC2
VBUS
GND
GPIO 插座
J1
Conn_01x14_Pin
J2
Conn_01x14_Pin
J3
Conn_01x04_Pin
PA0
PA1
PA2
PA3
PA4/CS
PA5/SCLK
PA6/MISO
PA7/MOSI
PA8
PA9
PA10
PA11
PA12
PA15
VDD_5V
VDD_3.3V
NRST
PB8
PB7
PB6
PB5
PB4
PB3
PB2
PB1
PB0
PA13/SWDIO
PA14/SWCLK
UiniO.com 电子技术实验室
Sheet: /
File: UINIO-MCU-STM32L051K8U6.kicad_sch
Title: UINIO-MCU-STM32L051K8U6
Size: A4
Date: 2024-01-11
Rev: Version 3.3.1
KiCad E.D.A. kicad 7.0.9
Id: 1/1