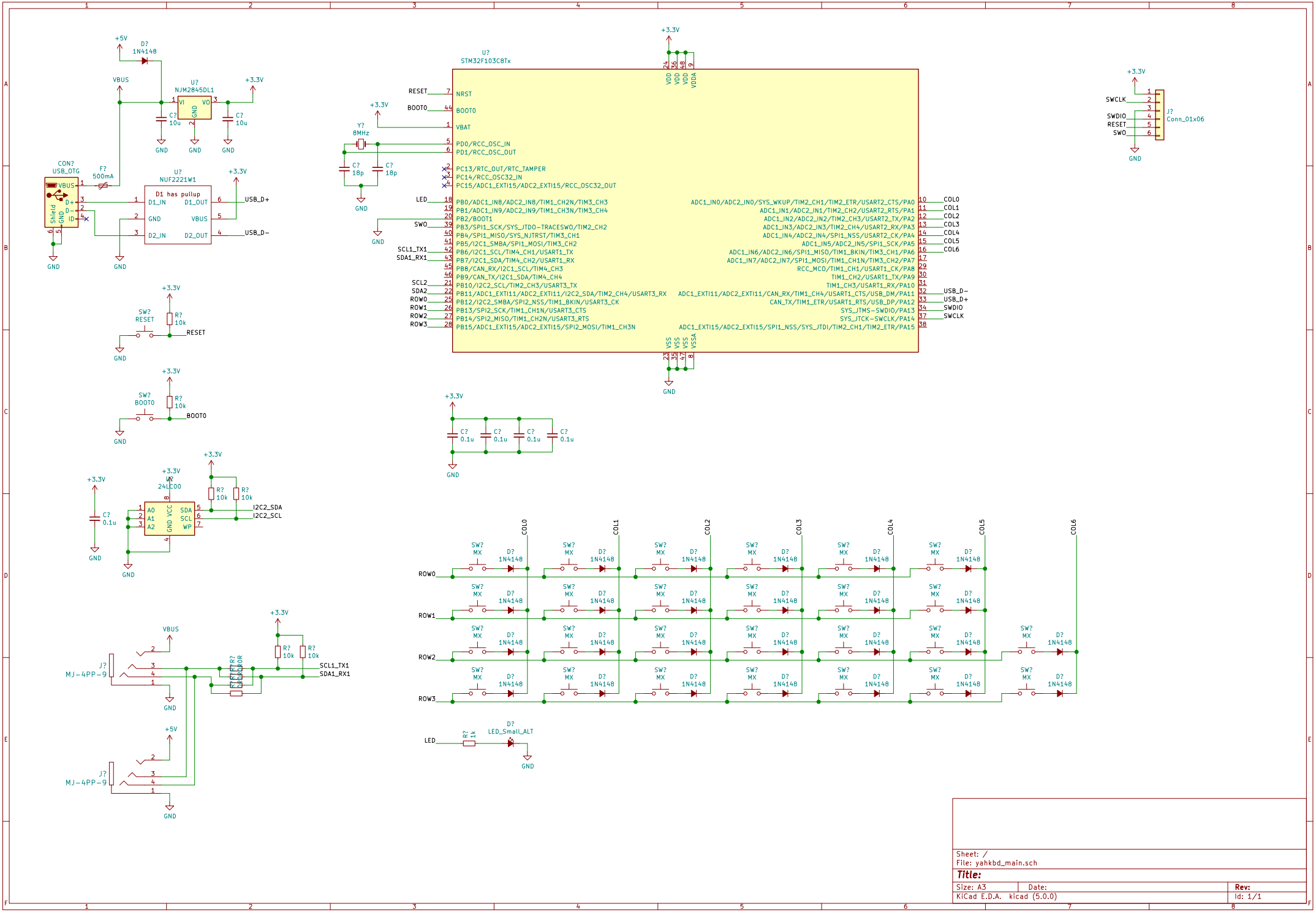
U?
STM32F103C8Tx
NRST
BOOT0
VBAT
PD0/RCC_OSC_IN
PD1/RCC_OSC_OUT
PC13/RTC_OUT/RTC_TAMPER
PC14/RCC_OSC32_IN
PC15/ADC1_EXTI15/ADC2_EXTI15/RCC_OSC32_OUT
PB0/ADC1_IN8/ADC2_IN8/TIM1_CH2N/TIM3_CH3
PB1/ADC1_IN9/ADC2_IN9/TIM1_CH3N/TIM3_CH4
PB2/BOOT1
PB3/SPI1_SCK/SYS_JTDO-TRACESWO/TIM2_CH2
PB4/SPI1_MISO/SYS_NJTRST/TIM3_CH1
PB5/I2C1_SMBA/SPI1_MOSI/TIM3_CH2
PB6/I2C1_SCL/TIM4_CH1/USART1_TX
PB7/I2C1_SDA/TIM4_CH2/USART1_RX
PB8/CAN_RX/I2C1_SCL/TIM4_CH3
PB9/CAN_TX/I2C1_SDA/TIM4_CH4
PB10/I2C2_SCL/TIM2_CH3/USART3_TX
PB11/ADC1_EXTI11/ADC2_EXTI11/I2C2_SDA/TIM2_CH4/USART3_RX
PB12/I2C2_SMBA/SPI2_NSS/TIM1_BKIN/USART3_CK
PB13/SPI2_SCK/TIM1_CH1N/USART3_CTS
PB14/SPI2_MISO/TIM1_CH2N/USART3_RTS
PB15/ADC1_EXTI15/ADC2_EXTI15/SPI2_MOSI/TIM1_CH3N
ADC1_IN0/ADC2_IN0/SYS_WKUP/TIM2_CH1/TIM2_ETR/USART2_CTS/PA0
ADC1_IN1/ADC2_IN1/TIM2_CH2/USART2_RTS/PA1
ADC1_IN2/ADC2_IN2/TIM2_CH3/USART2_TX/PA2
ADC1_IN3/ADC2_IN3/TIM2_CH4/USART2_RX/PA3
ADC1_IN4/ADC2_IN4/SPI1_NSS/USART2_CK/PA4
ADC1_IN5/ADC2_IN5/SPI1_SCK/PA5
ADC1_IN6/ADC2_IN6/SPI1_MISO/TIM1_BKIN/TIM3_CH1/PA6
ADC1_IN7/ADC2_IN7/SPI1_MOSI/TIM1_CH1N/TIM3_CH2/PA7
RCC_MCO/TIM1_CH1/USART1_CK/PA8
TIM1_CH2/USART1_TX/PA9
TIM1_CH3/USART1_RX/PA10
ADC1_EXTI11/ADC2_EXTI11/CAN_RX/TIM1_CH4/USART1_CTS/USB_DM/PA11
CAN_TX/TIM1_ETR/USART1_RTS/USB_DP/PA12
SYS_JTMS-SWDIO/PA13
SYS_JTCK-SWCLK/PA14
ADC1_EXTI15/ADC2_EXTI15/SPI1_NSS/SYS_JTDI/TIM2_CH1/TIM2_ETR/PA15
VDD VDD VDD VDDA
VSS VSS VSS VSSA
RESET
BOOT0
LED
SWO
SCL1_TX1
SDA1_RX1
SCL2
SDA2
ROW0
ROW1
ROW2
ROW3
COL0
COL1
COL2
COL3
COL4
COL5
COL6
USB_D-
USB_D+
SWDIO
SWCLK
+3.3V
GND
Y?
8MHz
C?
18p
J?
Conn_01x06
CON?
USB_OTG
F?
500mA
+5V
D?
1N4148
VBUS
U?
NJM2845DL1
VI
VO
GND
C?
10u
U?
NUF2221W1
D1 has pullup
D1_IN
D1_OUT
GND
VBUS
D2_IN
D2_OUT
Shield
SW?
RESET
BOOT0
R?
10k
C?
0.1u
U?
24LC00
A0
A1
A2
GND VCC
SDA
SCL
WP
I2C2_SDA
I2C2_SCL
J?
MJ-4PP-9
SCL1_TX1
SDA1_RX1
SW?
MX
D?
LED_Small_ALT
R?
1k
Sheet: /
File: yahkbd_main.sch
Title:
Size: A3
Date:
Rev:
KiCad E.D.A. kicad (5.0.0)
Id: 1/1