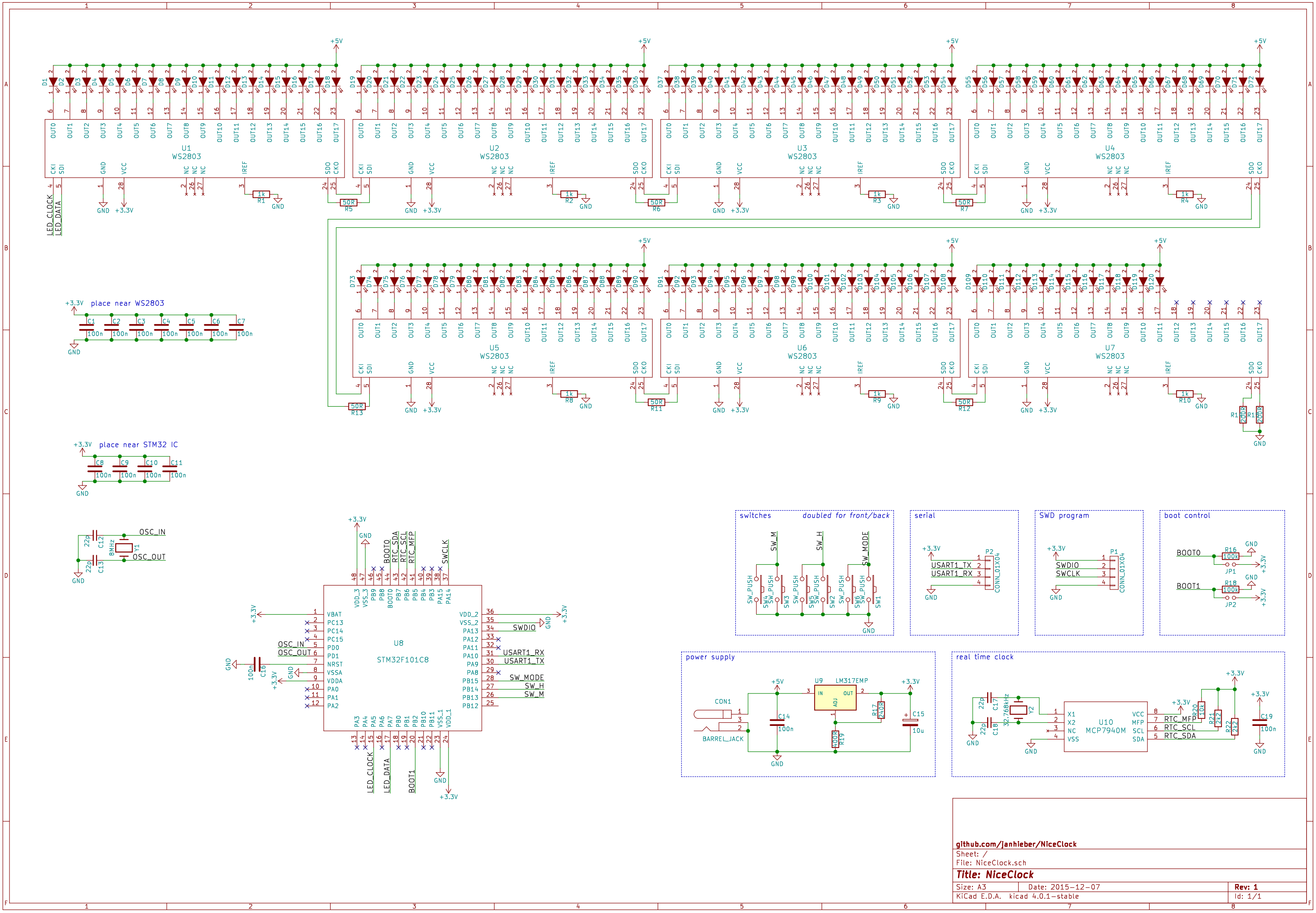
U1 WS2803
U2 WS2803
U3 WS2803
U4 WS2803
U5 WS2803
U6 WS2803
U7 WS2803
U8 STM32F101C8
U9 LM317EMP
U10 MCP7940M
LED_CLOCK
LED_DATA
+3.3V place near WS2803
+3.3V place near STM32 IC
OSC_IN
OSC_OUT
BOOT0
RTC_SDA
RTC_SCL
RTC_MFP
SWCLK
SWDIO
USART1_RX
USART1_TX
SW_MODE
SW_H
SW_M
switches
doubled for front/back
serial
SWD program
boot control
power supply
real time clock
CON1
BARREL_JACK
BOOT1
github.com/janhieber/NiceClock
Sheet: /
File: NiceClock.sch
Title: NiceClock
Size: A3
Date: 2015-12-07
Rev: 1
KiCad E.D.A. kicad 4.0.1-stable
Id: 1/1