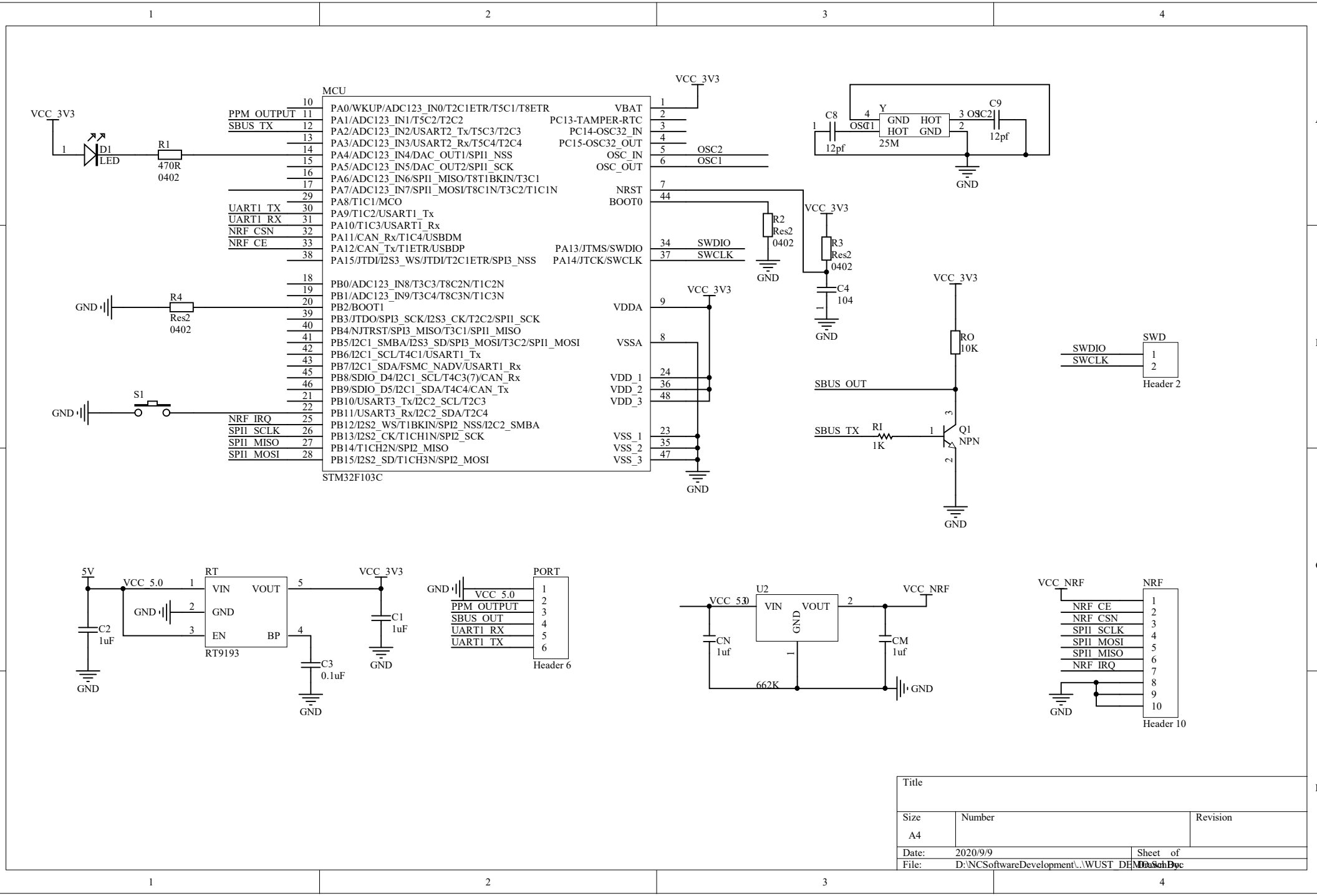
MCU
STM32F103C
PA0/WKUP/ADC123_IN0/T2C1ETR/T5C1/T8ETR
PA1/ADC123_IN1/T5C2/T2C2
PA2/ADC123_IN2/USART2_Tx/T5C3/T2C3
PA3/ADC123_IN3/USART2_Rx/T5C4/T2C4
PA4/ADC123_IN4/DAC_OUT1/SPI1_NSS
PA5/ADC123_IN5/DAC_OUT2/SPI1_SCK
PA6/ADC123_IN6/SPI1_MISO/T8T1BKIN/T3C1
PA7/ADC123_IN7/SPI1_MOSI/T8C1N/T3C2/T1C1N
PA8/T1C1/MCO
PA9/T1C2/USART1_Tx
PA10/T1C3/USART1_Rx
PA11/CAN_Rx/T1C4/USBDM
PA12/CAN_Tx/T1ETR/USBDP
PA15/JTDI/I2S3_WS/JTDI/T2C1ETR/SPI3_NSS
PB0/ADC123_IN8/T3C3/T8C2N/T1C2N
PB1/ADC123_IN9/T3C4/T8C3N/T1C3N
PB2/BOOT1
PB3/JTDO/SPI3_SCK/I2S3_CK/T2C2/SPI1_SCK
PB4/NJTRST/SPI3_MISO/T3C1/SPI1_MISO
PB5/I2C1_SMBA/I2S3_SD/SPI3_MOSI/T3C2/SPI1_MOSI
PB6/I2C1_SCL/T4C1/USART1_Tx
PB7/I2C1_SDA/FSMC_NADV/USART1_Rx
PB8/SDIO_D4/I2C1_SCL/T4C3(7)/CAN_Rx
PB9/SDIO_D5/I2C1_SDA/T4C4/CAN_Tx
PB10/USART3_Tx/I2C2_SCL/T2C3
PB11/USART3_Rx/I2C2_SDA/T2C4
PB12/I2S2_WS/T1BKIN/SPI2_NSS/I2C2_SMBA
PB13/I2S2_CK/T1CH1N/SPI2_SCK
PB14/T1CH2N/SPI2_MISO
PB15/I2S2_SD/T1CH3N/SPI2_MOSI
VBAT
PC13-TAMPER-RTC
PC14-OSC32_IN
PC15-OSC32_OUT
OSC_IN
OSC_OUT
NRST
BOOT0
PA13/JTMS/SWDIO
PA14/JTCK/SWCLK
VDDA
VSSA
VDD_1
VDD_2
VDD_3
VSS_1
VSS_2
VSS_3
PPM_OUTPUT
SBUS_TX
UART1_TX
UART1_RX
NRF_CSN
NRF_CE
NRF_IRQ
SPI1_SCLK
SPI1_MISO
SPI1_MOSI
SWDIO
SWCLK
OSC2
OSC1
VCC_3V3
D1
LED
R1
470R
0402
R4
Res2
0402
S1
GND
R2
Res2
0402
R3
Res2
0402
C4
104
C8
12pf
C9
12pf
Y
GND HOT
HOT GND
25M
RO
10K
SBUS_OUT
SBUS_TX
RI
1K
Q1
NPN
SWD
Header 2
5V
VCC_5.0
RT
VIN
VOUT
GND
EN
BP
RT9193
C2
1uF
C3
0.1uF
C1
1uF
PORT
VCC_5.0
PPM_OUTPUT
SBUS_OUT
UART1_RX
UART1_TX
Header 6
U2
VIN
VOUT
GND
CN
1uf
CM
1uf
662K
VCC_NRF
NRF
NRF_CE
NRF_CSN
SPI1_SCLK
SPI1_MOSI
SPI1_MISO
NRF_IRQ
Header 10
Title
Size
A4
Number
Revision
Date: 2020/9/9
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File: D:\NCSoftwareDevelopment\..\WUST_DEMO.SchDoc
Drawn By: