Labels usable in code

PX_Y MCU pin without conflict

PX_Y MCU pin connected to other components
See **PeripheralPins.c** (link below) for more information

XXX Arduino connector names (A0, D1, ...)

XXX LEDs and Buttons (LED_1, USER_BUTTON, ...)

Labels not usable in code (for information only)

XXX Serial pins (USART/UART)

XXX SPI pins

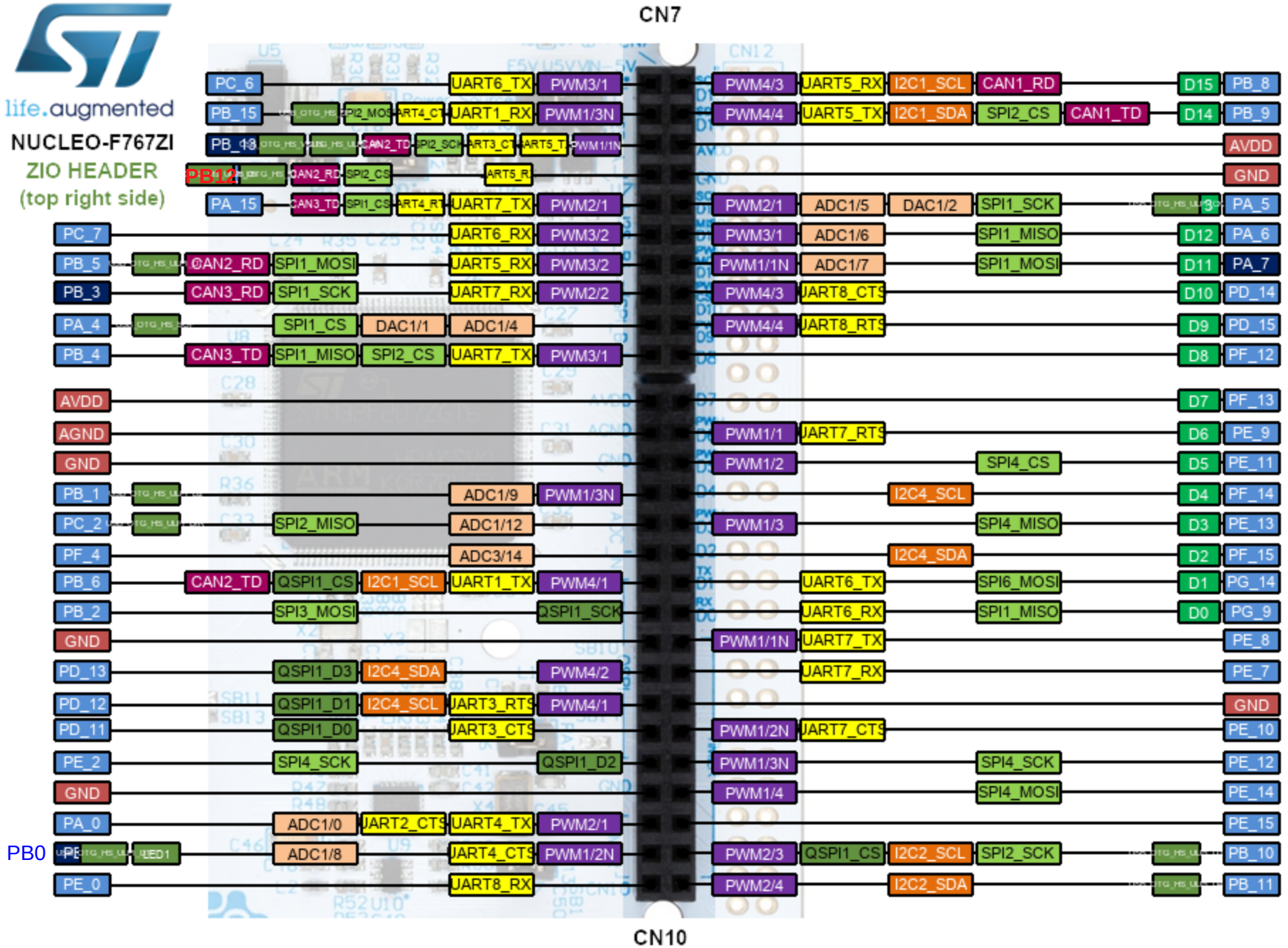
XXX I2C pins

XXX PWMOut pins (TIMER n/c[N])
n = Timer number c = Channel
N = Inverted channel

XXX AnalogIn (ADC) and AnalogOut pins (DAC)

XXX CAN pins

XXX Power and control pins (3V3, GND, RESET, ...)


life.augmented
NUCLEO-F767ZI
ZIO HEADER
(top right side)
CN7
CN10
PC_6 UART6_TX PWM3/1
PB_15 SPI2_MOSI UART4_CTS UART1_RX PWM1/3N
PB_13 CAN2_TD SPI2_SCK UART3_CTS UART5_TS PWM1/1N
PB12 CAN2_RD SPI2_CS UART5_RTS
PA_15 CAN3_TD SPI1_CS UART4_RTS UART7_TX PWM2/1
PC_7 UART6_RX PWM3/2
PB_5 CAN2_RD SPI1_MOSI UART5_RX PWM3/2
PB_3 CAN3_RD SPI1_SCK UART7_RX PWM2/2
PA_4 SPI1_CS DAC1/1 ADC1/4
PB_4 CAN3_TD SPI1_MISO SPI2_CS UART7_TX PWM3/1
AVDD
AGND
GND
PB_1 ADC1/9 PWM1/3N
PC_2 SPI2_MISO ADC1/12
PF_4 ADC3/14
PB_6 CAN2_TD QSPI1_CS I2C1_SCL UART1_TX PWM4/1
PB_2 SPI3_MOSI QSPI1_SCK
GND
PD_13 QSPI1_D3 I2C4_SDA PWM4/2
PD_12 QSPI1_D1 I2C4_SCL UART3_RTS PWM4/1
PD_11 QSPI1_D0 UART3_CTS
PE_2 SPI4_SCK QSPI1_D2
GND
PA_0 ADC1/0 UART2_CTS UART4_TX PWM2/1
PB0 LED1 ADC1/8 UART4_CTS PWM1/2N
PE_0 UART8_RX
PWM4/3 UART5_RX I2C1_SCL CAN1_RD D15 PB_8
PWM4/4 UART5_TX I2C1_SDA SPI2_CS CAN1_TD D14 PB_9
AVDD
GND
PWM2/1 ADC1/5 DAC1/2 SPI1_SCK PA_5
PWM3/1 ADC1/6 SPI1_MISO D12 PA_6
PWM1/1N ADC1/7 SPI1_MOSI D11 PA_7
PWM4/3 UART8_CTS D10 PD_14
PWM4/4 UART8_RTS D9 PD_15
D8 PF_12
D7 PF_13
PWM1/1 UART7_RTS D6 PE_9
PWM1/2 SPI4_CS D5 PE_11
I2C4_SCL D4 PF_14
PWM1/3 SPI4_MISO D3 PE_13
I2C4_SDA D2 PF_15
UART6_TX SPI6_MOSI D1 PG_14
UART6_RX SPI1_MISO D0 PG_9
PWM1/1N UART7_TX PE_8
UART7_RX PE_7
GND
PWM1/2N UART7_CTS PE_10
PWM1/3N SPI4_SCK PE_12
PWM1/4 SPI4_MOSI PE_14
PE_15
PWM2/3 QSPI1_CS I2C2_SCL SPI2_SCK PB_10
PWM2/4 I2C2_SDA PB_11

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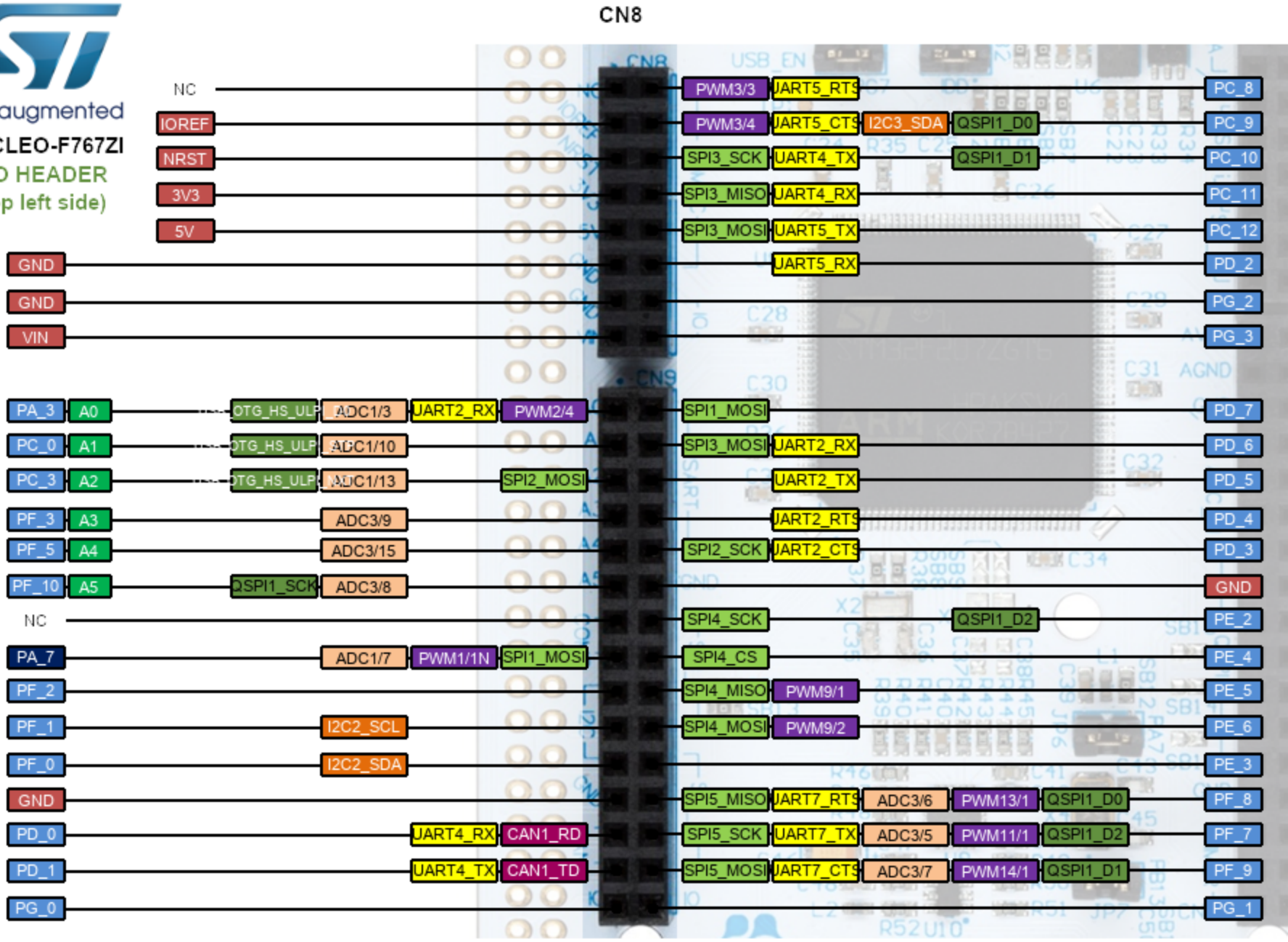
NUCLEO-F767ZI

ZIO HEADER

(top left side)

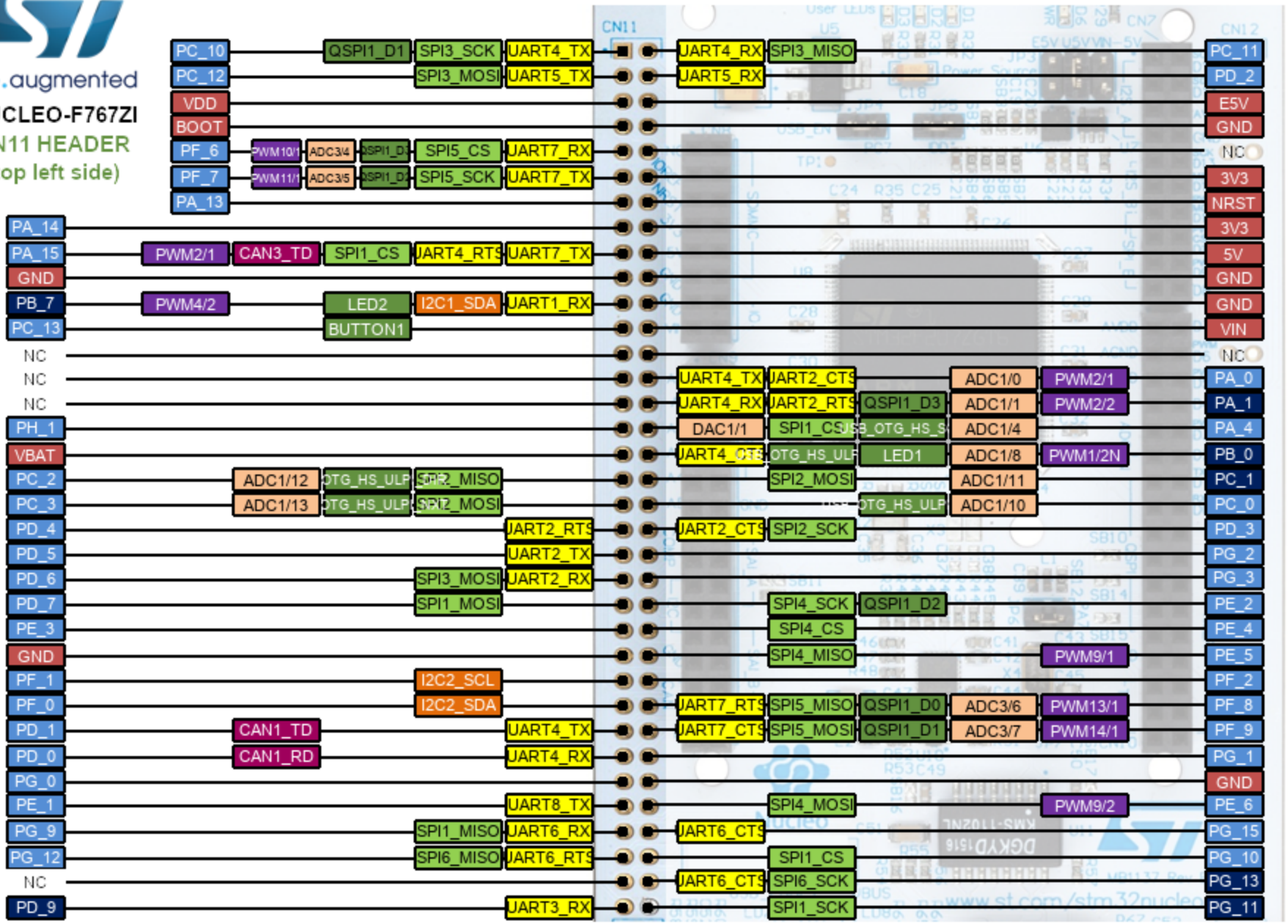


life.augmented

NUCLEO-F767ZI

CN11 HEADER

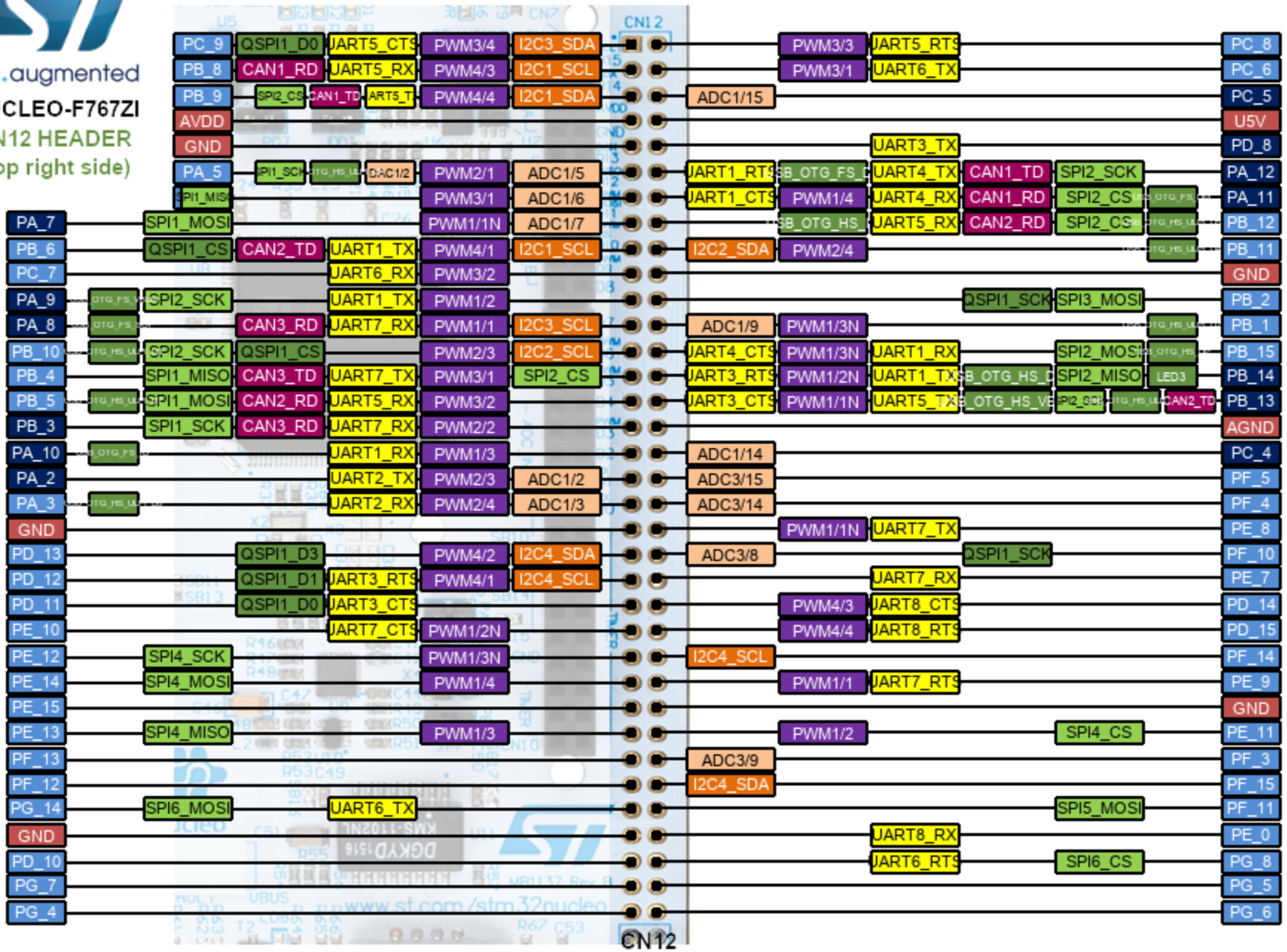
(top left side)



CN11

life.augmented

NUCLEO-F767ZI

CN12 HEADER

(top right side)