

# STM32 NUCLEO F446RE Pinouts

## 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

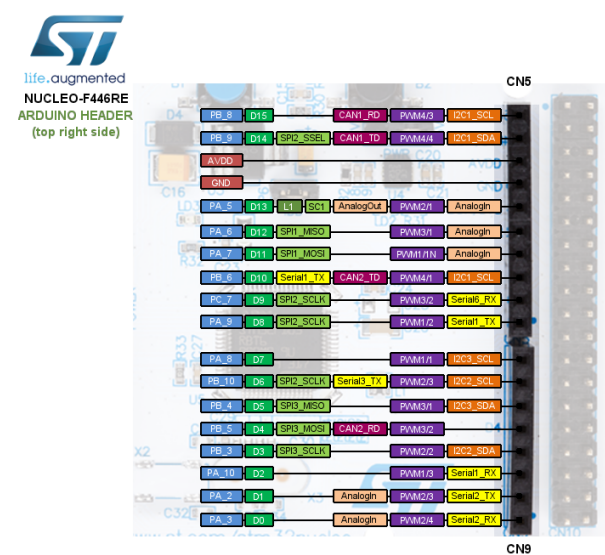
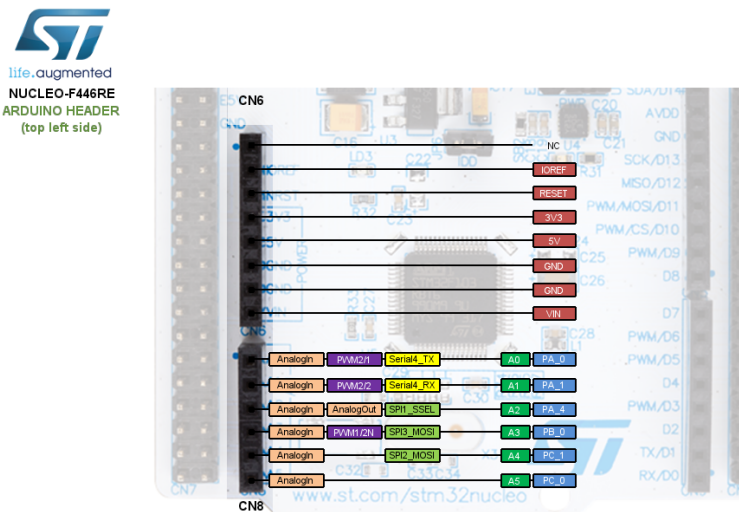
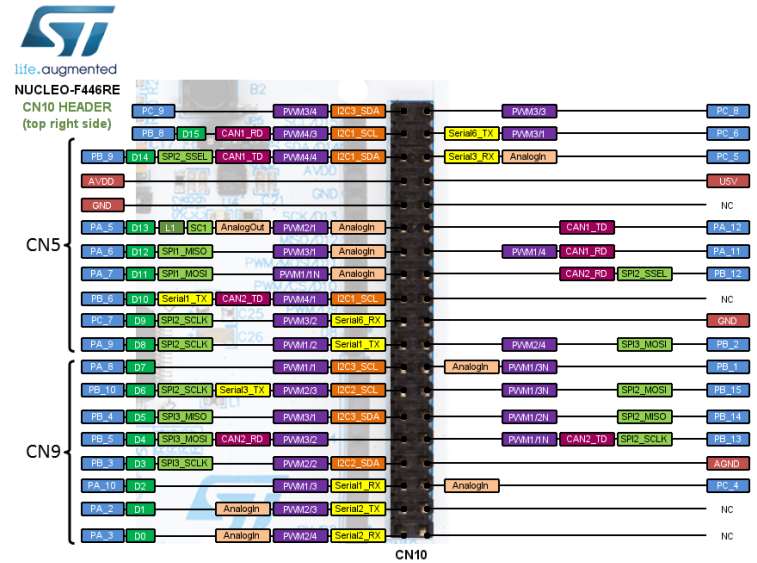
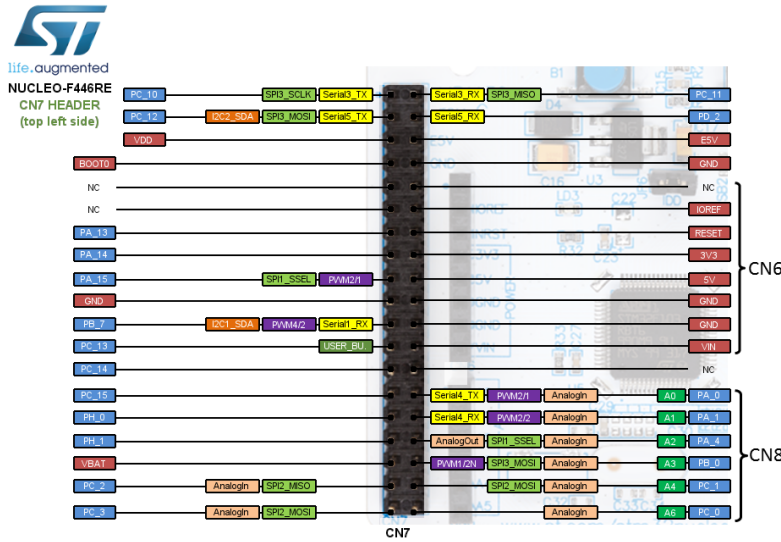
XXX AnalogIn (ADC) and AnalogOut pins (DAC)

XXX CAN pins

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

CN7

CN10



CN8

CN9