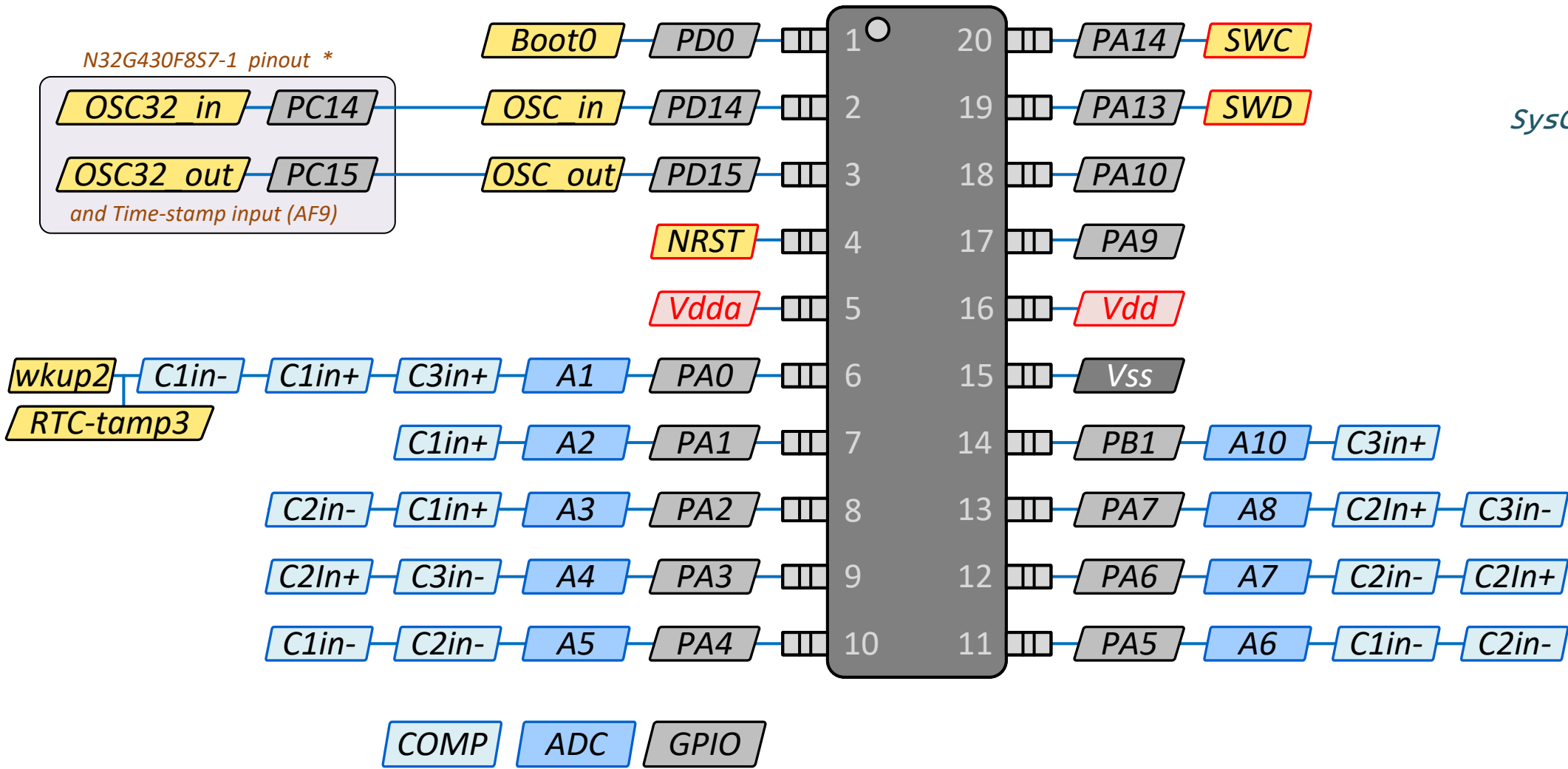


N32G430F8S7

tssop-20 (4.4x6.5mm e=0.65)

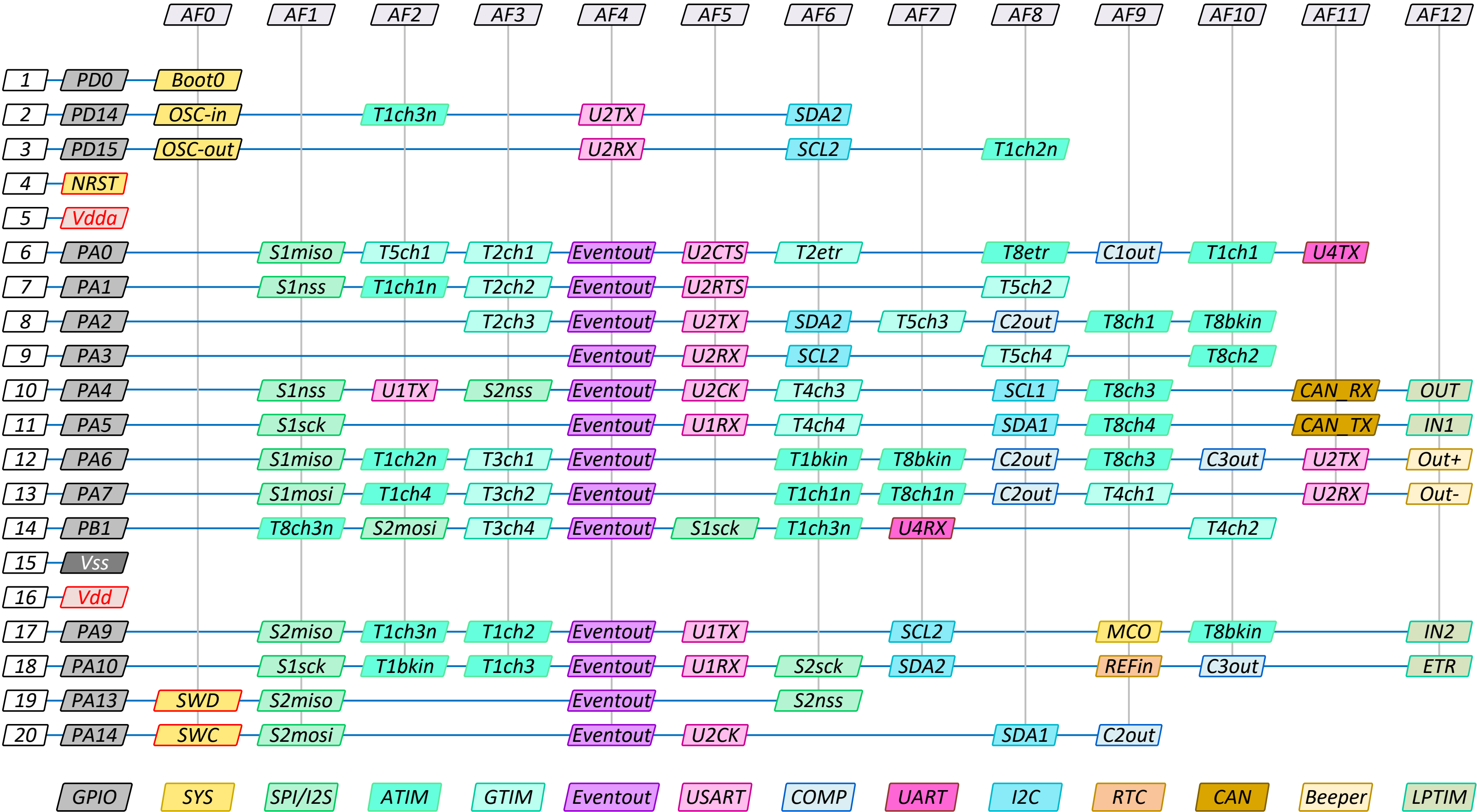
Cortex-M4F 128MHz, 64K Flash(iCache 1K), 16K RAM ret.
Vcc - 2.4-3.6V -40~105°C



HSI - 8 MHz, LSI - 40 KHz (IWDG, RTC)
HSE - 4-32 MHz LSE - 32,768 KHz
PLL - x2-x32 (In HIS; HSI/2; HSE; HSE/2)
SysClk - HSI, HSE, PLL (min 8MHz, HCLK min 8MHz/512)

DMA 8ch., IWDG, WWDG, RTC
2x SPI/I2S; 2x I2C; 1x UART; 2x USART; 1x CAN
GPIO - 15+1, FastIO, AF0-15

- All timers 16 bit
TIM 1 - Advanced (max_clk - 128MHz)
4 cap./comp. (4 in / 4x2 out) *
+5 internal cap./comp. (5, 6, 7, 8, 9)
TIM 8 - Advanced (max_clk - 128MHz)
4 cap./comp. (4 in / 3x2+1 out) *
+2 internal cap./comp. (5, 6)
TIM 2, 3, 4, 5 - General
4 cap./comp. (4 in / 4 out)
TIM 6 - Basic
LPTIM - wake up from LP mode
LP - sleep, stop0, stop2, standby
ADC 12bit 4.7 Msps (6bit - 8.8 Msps)
Tsens, 3x COMP



SPI / I2S : NSS / WS; SCK / CK; MISO / MCK; MOSI / SD