STM32 各引脚功能

ADCx 对应引脚：

ADC3_IN4->PF6
ADC3_IN5->PF7
ADC3_IN6->PF8
ADC3_IN7->PF9
ADC3_IN8->PF10

ADC123_IN0->PA0
ADC123_IN1->PA1
ADC123_IN2->PA2
ADC123_IN3->PA3
ADC12_IN4->PA4
ADC12_IN5->PA5
ADC12_IN6->PA6
ADC12_IN7->PA7
ADC12_IN8->PB0
ADC12_IN9->PB1
ADC123_IN10->PC0
ADC123_IN11->PC1
ADC123_IN12->PC2
ADC123_IN13->PC3
ADC12_IN14->PC4
ADC12_IN15->PC5

ADC 的通道对应于相应的引脚对应于相应的 ADC 规则窗口配置
DMA 通道对应于 DMA_PeripheralBaseAddr 这个基地址

CANx 对应引脚：

CAN_RX->PA11
CAN_TX->PA12

FSMC 对应引脚：

FSMC_A0->PF0
FSMC_A1->PF1
FSMC_A2->PF2
FSMC_A3->PF3
FSMC_A4->PF4
FSMC_A5->PF5
FSMC_A6->PF12

FSMC_A7->PF13
FSMC_A8->PF14
FSMC_A9->PF15
FSMC_A10->PG0
FSMC_A11->PG1
FSMC_A12->PG2
FSMC_A13->PG3
FSMC_A14->PG4
FSMC_A15->PG5
FSMC_A16->PD11
FSMC_A17->PD12
FSMC_A18->PD13
FSMC_A24->PG13
FSMC_A25->PG14

FSMC_NIORD->PF6
FSMC_NREG->PF7
FSMC_NIOWR->PF8
FSMC_CD->PF9

FSMC_NIOS16->PF11

FSMC_D0->PD14
FSMC_D1->PD15
FSMC_D2->PD0
FSMC_D3->PD1
FSMC_D4->PE7
FSMC_D5->PE8
FSMC_D6->PE9
FSMC_D7->PE10
FSMC_D8->PE11
FSMC_D9->PE12
FSMC_D10->PE13
FSMC_D11->PE14
FSMC_D12->PE15
FSMC_D13->PD8
FSMC_D14->PD9
FSMC_D15->PD10

FSMC_INTR->PF10
FSMC_INT2->PG6
FSMC_INT3->PG7

FSMC_CLK->PD3

FSMC_NOE->PD4

FSMC_NWE->PD5

FSMC_NWAIT->PD6

FSMC_NCE2->PD7

FSMC_NCE3->PG9

FSMC_NCE4_1->PG10

FSMC_NCE4_2->PG11

FSMC_NE4->PG12

FSMC_NADV->PB7

FSMC_NBL0->PE0

FSMC_NBL1->PE1

I2Cx 对应引脚：

I2C2_SCL->PB10

I2C2_SDA->PB11

I2C2_SMBA->PB12

I2C1_SMBA->PB5

I2C1_SCl->PB6

I2C1_SDA->PB7

I2Sx 对应引脚：

I2S2_WS->PB12

I2S2_CK->PB13

I2S2_SD->PB15

I2S2_MCK->PC6

SPI1_NSS->PA4

SPI1_SCK->PA5

SPI1_MISO->PA6

SPI1_MOSI->PA7

SPI2_NSS->PB12

SPI2_SCK->PB13

SPI2_MISO->PB14

SPI2_MOSI->PB15

SPI3_NSS->PA15

SPI3_SCK->PB3

SPI3_MISO->PB4
SPI3_MOSI->PB5

SDIO 引脚：

SDIO_D6->PC6
SDIO_D7->PC7
SDIO_D0->PC8
SDIO_D1->PC9
SDIO_D2->PC10
SDIO_D3->PC11
SDIO_CK->PC12
SDIO_CMD->PD2

TIMx 对应引脚：

TIM1_BKIN->PB12
TIM1_CH1N->PB13
TIM1_CH2N->PB14
TIM1_CH3N->PB15
TIM1_CH1->PA8
TIM1_CH2->PA9
TIM1_CH3->PA10
TIM1_CH4->PA11
TIM1_ETR->PA12

TIM2_CH1->PA0
TIM2_CH2->PA1
TIM2_CH3->PA2
TIM2_Ch4->PA3

TIM3_ETR->PD2
TIM3_CH1->PB4-PC6-Remap
TIM3_CH2->PB5-PC7-Remap
TIM3_CH3->PC8-Remap
TIM3_CH4->PC9-Remap

TIM4_CH1->PD12-Remap
TIM4_CH2->PD13-Remap
TIM4_CH3->PD14-Remap
TIM4_CH4->PD15-Remap

TIM5_CH1->PA0
TIM5_CH2->PA1
TIM5_CH3->PA2
TIM5_CH4->PA3

TIM8_ETR->PA0

TIM8_BKIN->PA6

TIM8_CH1N->PA7

TIM8_CH2N->PB0

TIM8_CH3N->PB1

TIM8_CH1->PC6

TIM8_CH2->PC7

TIM8_CH3->PC8

TIM8_CH4->PC9

USARTx 对应引脚：

USART2_RTS->PA0

USART2_RTS->PA1

USART2_TX->PA2

USART2_RX->PA3

USART2_CK->PA4

USART3_TX->PB10

USART3_RX->PB11

USART3_CX->PB12

USART3_CTS->PB13

USART3_RTS->PB14

USART1_CK->PA8

USART1_TX->PA9

USART1_RX->PA10

USART1_CTS->PA11

USART1_RTS->PA12

UART4_TX->PC10

UART4_RX->PC11

UART5_TX->PC12

UART5_RX->PD2