

STM32F401RE部分引脚的复用功能

引脚序号	引脚名称	引脚复用功能
10	PC2	SPI2_MISO
11	PC3	SPI2_MOSI
14	PA0	TIM2_CH1,TIM5_CH1
15	PA1	TIM2_CH2,TIM5_CH2
16	PA2	TIM2_CH3,TIM5_CH3,TIM9_CH1,USART2_TX
17	PA3	TIM2_CH4,TIM5_CH4,TIM9_CH2,USART2_RX
20	PA4	SPI1_NSS,SPI3_NSS
21	PA5	TIM2_CH1,SPI1_SCK
22	PA6	TIM3_CH1,SPI1_MISO
23	PA7	TIM3_CH2,SPI1_MOSI
26	PB0	TIM3_CH3
27	PB1	TIM3_CH4
29	PB10	I2C2_SCL,TIM2_CH3,SPI2_SCK
33	PB12	SPI2_NSS
34	PB13	SPI2_SCK
35	PB14	SPI2_MISO
36	PB15	SPI2_MOSI
37	PC6	TIM3_CH1,USART6_TX
38	PC7	TIM3_CH2,USART6_RX
39	PC8	TIM3_CH3
40	PC9	TIM3_CH4,I2C3_SDA
41	PA8	TIM1_CH1,I2C3_SCL

42	PA9	TIM1_CH2,USART1_TX
43	PA10	TIM1_CH3,USART1_RX
44	PA11	TIM1_CH4,USART6_TX
45	PA12	USART6_RX

50	PA15	TIM2_CH1,SPI1_NSS,SPI3_NSS
51	PC10	SPI3_SCK
52	PC11	SPI3_MISO
53	PC12	SPI3_MOSI
55	PB3	I2C2_SDA,SPI1_SCK,SPI3_SCK,TIM2_CH2
56	PB4	I2C3_SDA,SPI1_MISO,SPI3_MISO,TIM3_CH1
57	PB5	SPI1_MOSI,SPI3_MISO,TIM3_CH2
58	PB6	I2C1_SCL,TIM4_CH1,USART1_TX
59	PB7	I2C1_SDA,TIM4_CH2,USART1_RX
61	PB8	I2C1_SCL,TIM4_CH3,TIM10_CH1
62	PB9	I2C1_SDA,TIM4_CH4,SPI2_NSS,TIM11_CH1