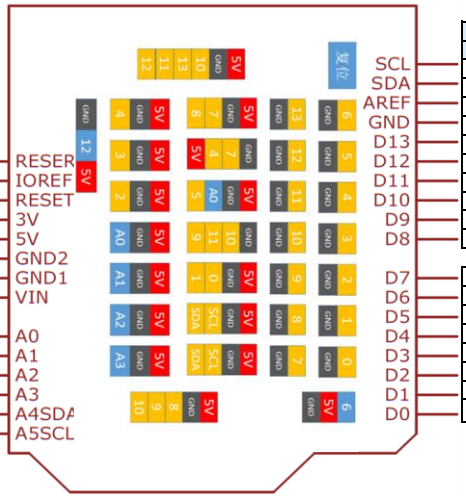
注:VIN输入电压范围6.1V~15V
模拟接口（A0-A5）耐压范围0~3.3V
数字接口（D0-D15）耐压范围0~5V

插座	STM32F746-DISCO板		Arduino扩展板	
	功能	STM32管脚	功能	管脚名
CN8	-	-	NC	NC
	IOREF	VDD	IOREF	IOREF
	RESET	NRST	RESET	RESET
	3.3 V output	VDD	+3.3V	+3.3V
	5V output	-	+5V	+5V
	ground	GND	GND	GND
	ground	GND	GND	GND
	Power input	-	VIN	VIN

CN5	ADC3_IN0/TIM2_CH1/TIM2_ETR/TIM5_CH1/TIM8_ETR/UART4_T	PA0	ADC	A0
	ADC3_IN8	PF10	ADC	A1
	ADC3_IN7/SPI5_MOSI/TIM14_CH1/QUADSPI_BK1_IO1	PF9	ADC	A2
	ADC3_IN6/SPI5_MISO/TIM13_CH1/QUADSPI_BK1_IO0	PF8	ADC	A3
	ADC3_IN5/TIM11_CH1/SPI5_SCK/UART7_Tx/QUADSPI_BK1_IO2	PF7	ADC	A4
	ADC3_IN4/TIM10_CH1/SPI5_NSS/UART7_Rx/QUADSPI_BK1_IO3	PF6	ADC	A5



Arduino扩展板		STM32F746-DISCO板		插座
管脚名	功能	STM32管脚	功能	
SCL	I2C_SCL	PB8	I2C1_SCL/TIM4_CH3/TIM10_CH1/CAN1_RX	CN7
SDA	I2C_SDA	PB9	I2C1_SDA/TIM4_CH4/TIM11_CH1/SPI2_NSS/I2S2_WS/CAN1_TX	
AREF	AREF	-	AVDD	
GND	GND	-	Ground	
D13	SPI_A_SCK	PI1	SPI2_SCK/TIM8_BKIN2/I2S2_CK	
D12	SPI_A_MISO	PB14	SPI2_MISO/TIM1_CH2N/TIM8_CH2N/TIM12_CH1	
D11	SPI_A_MOSI/TIM_E_PWM	PB15	SPI2_MOSI/TIM1_CH3N/TIM8_CH3N/I2S2_SD/TIM12_CH2/RTC_REFI	
D10	SPI_A_CS/TIM_B_PWM3	PA8	TIM1_CH1/TIM8_BKIN2/I2C3_SCL/MCO1	
D9	TIMER_B_PWM2	PA15	TIM2_CH1/TIM2_ETR/SPI1_NSS/I2S1_WS/SPI3_NSS/I2S3_WS	
D8	I/O	PI2	TIM8_CH4/SPI2_MISO,	

D7	I/O	PI3	TIM8_ETR/SPI2_MOSI/I2S2_SD	CN4
D6	TIMER_A_PWM1	PH6	TIM12_CH1/I2C2_SMBA/SPI5_SCK	
D5	TIMER_A_PWM2	PI0	TIM5_CH4/SPI2_NSS/I2S2_WS	
D4	I/O	PG7	-	
D3	TIMER_A_PWM3	PB4	TIM3_CH1/SPI1_MISO/SPI3_MISO/SPI2_NSS/I2S2_WS	
D2	I/O	PG6	-	
D1	USART_A_TX	PC6	USART6_TX/TIM3_CH1	
D0	USART_A_RX	PC7	USART6_RX/TIM3_CH2	