

FUN		PIN	GPIO	AF0 SYS	AF1 TIM	AF2 TIM	AF3 TIM	AF4 I2C	AF5 SPI	AF6 SPI	AF7 USART	AF10 USB	AF12 SDIO	ADC	
SWD	SWDIO	PA13		JTMS											
	SWCLK	PA14		JTCK											
LED	LED_R	PC15	GPIO												
	LED_G	PC14	GPIO												
	LED_B	PC13	GPIO												
KEY	KEY	PB2	GPIO												
ADC	ADC1	PA4													A12_IN4
	ADC2	PA5													A12_IN5
PWM	PWM1	PB6						T4_CH1							
	PWM2	PB7						T4_CH2							
	PWM3	PA0					T2_CH1	T5_CH1							A123_IN0
	PWM4	PA1					T2_CH2	T5_CH2							A123_IN1
	PWM5	PA2					T2_CH3	T5_CH3	U2_TX					A123_IN2	
	PWM6	PC7						T8_CH2							
	PWM7	PC6						T8_CH1							
	PWM8	PA3					T2_CH4	T5_CH4	U2_RX					A123_IN3	
	PWM9	PA6						T3_CH1							A12_IN6
	PWM10	PA7						T3_CH2							A12_IN7
	PWM11	PB0						T3_CH3							A12_IN8
	PWM12	PB1						T3_CH4							A12_IN9
USART	USART_TX	PB10							I2_SCL					U3_TX	
	USART_RX	PB11							I2_SDA					U3_RX	
USB	USB_VBUS	PA9											VBUS ID DM DP		
	USB_ID	PA10													
	USB_DM	PA11													
	USB_DP	PA12													
IMU	IMU_SCL	PB8							I1_SCL						
	IMU_SDA	PB9							I1_SDA						
	IMU_INT	PC3	GPIO												
NRF	NRF_CSN	PB12							S2_NSS						
	NRF_SCL	PB13							S2_SCL						
	NRF_MISO	PB14							S2_MISO						
	NRF_MOSI	PB15							S2_MOSI						
	NRF_CE	PC4	GPIO												
	NRF_IRQ	PC5	GPIO												
SD	SD_D0	PC8											D0		
	SD_D1	PC9											D1		
	SD_D2	PC10											D2		
	SD_D3	PC11											D3		
	SD_CK	PC12											CK		
	SD_CMD	PD2											CMD		
	CAM	CAM_CS	PA15							S1_NSS	S3_NSS				
CAM_SCK		PB3							S1_SCK	S3_SCK					
CAM_MISO		PB4							S1_MISO	S3_MISO					
CAM_MOSI		PB5							S1_MOSI	S3_MOSI					
CAM_INT		PA8	GPIO												
CAM_RDY		PC2	GPIO												