

PIN	ABZ	1SJ	Common Alt Functions	ADC	I2C1	I2C2	I2C3	SPI1	SPI2	USART1	USART2	USART3	USART4	LPUART1	LPTIM1	USB	SWD
GND		see below															
PA0	33	17	USART2_TX, USART4_TX, ADC_IN0	X							X		X				
PA1	R-AntSw	18	USART2_RTS, USART4_RX, ADC_IN1	X							X		X				
PA2	24	16	USART2_TX, ADC_IN2	X							X						
PA3	23	15	USART2_RX, ADC_IN3	X							X						
PA4	22	13	SPI1_NSS, ADC_IN4, DAC_OUT1	X				X									
PA5	21	14	SPI1_SCK, ADC_IN5, DAC_OUT2	X				X									
PA6	R-MISO	11	SPI1_MISO, LPUART1_CTS, ADC_IN6	X				X									
PA7	R-MOSI	10	SPI1_MOSI, ADC_IN7	X				X									
PA8	20	41	MCO, USB_CR5_SYNC, I2C3_SCL				X									x	
PA9	19	40	USART1_TX, I2C1_SCL, MCO		X					X							
PA10	18	39	USART1_RX, I2C1_SDA		X					X				X			
PA11	2	37	USB_DM, SPI1_MISO, USART1_CTS					X		x						X	
PA12	1	36	USB_DP, SPI1_MOSI, USART1_RTS					X		x						X	
PA13	41	33	SWDIO, USB_OE, LPUART1_RX											X			X
PA14	42	32	SWCLK, USART2_TX, LPUART1_TX											X			X
PA15	R-NSS	R-AntSw															
PB0	R-DIO2	R-DIO1		X													
PB1	R-DIO1	R-Reset		X													
PB2	37	9	LPTIM1_OUT, I2C3_SMBA												X		
PB3	R-SCLK	28	SPI1_CLK, USART1_RTS, USART5_TX					X		x							
PB4	R-DIO0	29	SPI1_MISO, USART1_CTS, USART5_RX, I2C3_SDA				X	X		x							
PB5	40	27	LPTIM1_IN1, SPI1_MOSI					X							X		
PB6	39	30	I2C1_SCL, USART1_TX, LPTIM1_ETR		X					X					x		
PB7	38	31	I2C1_SDA, USART1_RX, LPTIM1_IN2, USART4_CTS, VREF_PVD_IN		X					X			x		x		
PB8	35	21	I2C1_SCL		X												
PB9	36	20	I2C1_SDA, SPI2_NSS		X				X								
PB10	-	42	LPUART1_TX, LPUART1_RX, SPI2_SCK, I2C2_SCL			X			X					X			
PB11	-	43	LPUART1_TX, LPUART1_RX, I2C2_SDA			X								X			
PB12	17	R-NSS							X								
PB13	16	R-SCLK							X								
PB14	15	R-MISO							X								
PB15	-	R-MOSI							X								
PC0	R-Reset	-															
PC1	R-BOOST	-															
PC2	R-TX_RFO	R-Busy		X					X								
PC13	R-DIO3	-															

GND Pins

1SJ 1,4,6,8,12,22,24,25,34,38,44, 45-56
 ABZ 3,7,25,27,44,49-57