WiPy pinout and alternate functions table

F	E	D	C	B	A	PIN	WiPy	PIN	A	B	C	D	E	F
						RESET		VIN (3.6-5.5V)						
		ADC1_CH1	TIM_CC3[7]	UART2_RX[6]	UART1_RX[3]	GP2		GND						
			TIM_CC2[7]	UART2_TX[6]	UART1_TX[3]	GP1		3V3 OUT						
				I2C1_SCL[9]	UART2_TX[2]	GP23		GP10		UART2_TX[7]	TIM_CC2[12]	PWM_7[3]	SD_CLK[6]	I2C_SCL[1]
		PWM_1[5]	TIM_CC7[4]	I2C1_SDA[9]	UART2_RX[2]	GP24		GP9			TIM_CC1[12]	PWM_6[3]	SD_DATA0[6]	I2S1_DATA0[7]
I2S1_FS[13]	SD_CMD[6]	PWM_8[3]	TIM_CC3[12]	I2C1_SDA[1]	UART2_RX[7]	GP11		GP8			TIM_CC7[12]			I2S1_FS[7]
I2S1_CLK[3]			TIM_CC4[12]	I2C1_SCL[5]	UART1_TX[7]	GP12		GP7	UART1_RTS[10]	UART2_RTS[3]	UART1_TX[11]			I2S1_CLK[13]
			TIM_CC5[12]	I2C1_SDA[5]	UART1_RX[7]	GP13		GP6	UART1_CTS[6]	UART2_CTS[3]	TIM_CC7[7]			
SPI1_CLK[7]			TIM_CC6[12]	I2C1_SCL[5]		GP14		GP30	UART1_TX[9]		TIM_CC6[4]	SPI1_MISO[7]	I2S1_FS[3]	I2S1_CLK[2]
SPI1_MISO[7]	SD_DATA0[8]		TIM_CC7[13]	I2C1_SDA[5]		GP15		GP31	UART1_RX[9]	UART2_RX[2]		SPI1_CLK[7]	I2S1_FS[12]	I2S1_DAT0[6]
SPI1_MOSI[7]	SD_CLK[8]		TIM_CC8[13]		UART2_TX[5]	GP16		GP3		UART2_TX[6]				ADC1_CH2
SPI1_CS[7]	SD_CMD[8]				UART2_RX[5]	GP17		GP0	UART1_RTS[3]	UART2_RTS[10]	TIM_CC1[7]	SPI1_CS[9]	I2S1_DATA0[4]	I2S1_DATA1[6]
I2S1_FS[7]			TIM_CC5[5]			GP22		GP4		UART2_RX[6]				ADC1_CH3
					SAFE_BOOT	GP28		GP5			TIM_CC6[7]		I2S1_DATA1[6]	ADC1_CH4
							Antenna							

Timer	Channel	CC pin	PWM pin
1	A	TIM_CC1	PWM_1
	B	TIM_CC2	
2	A	TIM_CC3	PWM_3
	B	TIM_CC4	
3	A	TIM_CC5	
	B	TIM_CC6	PWM_6
4	A	TIM_CC7	PWM_7
	B	TIM_CC8	PWM_8

Remarks:

- *The number in brackets next to each function is the one to be used when remapping the pin. In order to use the pin in GPIO mode, alternate function 0 must be selected*
- *ADC pin input range is 0-1.4V (being 1.8V the absolute maximum that it can withstand). When GP2, GP3, GP4 or GP5 are remapped to the ADC block, 1.8 V is the maximum. If these pins are used in digital mode, then the maximum allowed input is 3.6V.*
- *The heart beat LED is connected to GP25 and also has PWM_3 functionality with the alternate function 9.*