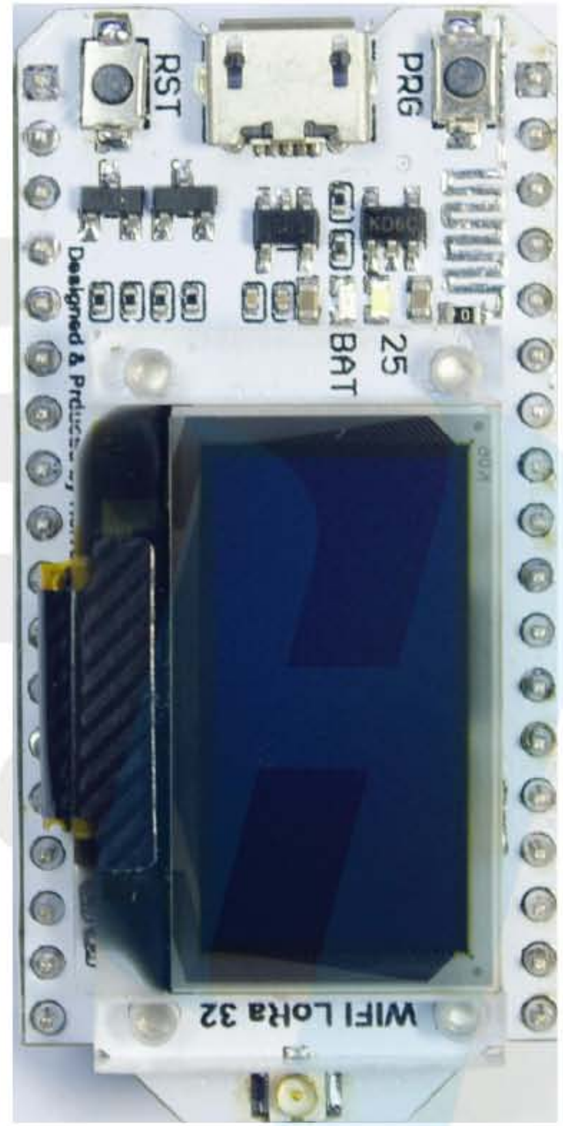
WIFI LoRa 32 Pinout Diagram

- GND
- Power
- Control
- Touch Pin
- GPIO Port pin
- Analog Pin
- DAC
- Serial SPI I2C
- Physical Pin
- On-board hardware Pin

Notes:

*GPIO input only
*ADC preamplifier
GPIOs are 3.3V tolerant only



					GND										GND
					5V										5V
					3V3										3V3
					GND									36	Sensevp	GPIO36*	ADC1_0*
				UO_RXD	GPIO3	CLX2	RX							37	CapVP	GPIO37*	ADC1_1*
				UO_TXD	GPIO1	CLX3	TX							38	CapVN	GPIO38*	ADC1_2*
							RST							39	Sensvn	GPIO39*	ADC1_3*
Button	Touch1	ADC2_1	GPIO0	CLK1	0									34	GPIO34*	ADC1_6	
	UO_RTS	V_SPI_WP	GPIO22	SCL	22									35	GPIO35*	ADC1_7	
	LoRa_MISO	UO_CTS	V_SPI_Q	GPIO19	19									32	XTAL32	GPIO32*	ADC1_4	Touch8
			V_SPI_D	GPIO23	23									33	XTAL32	GPIO33*	ADC1_5	Touch9
		LoRa_CS	V_SPI_CLK	GPIO18	18									25	GPIO25	ADC2_8	DAC2	LED
		LoRa_SCK	V_SPI_CSO	GPIO5	5									26	GPIO26	ADC2_9	DAC1	LoRa_IRQ
OLED_SCL	Touch3	HSPI_CSO	ADC2_3	GPIO15	15									27	GPIO27	ADC2_7	TOUCH7	LoRa_MOSI
	Touch2	HSPI_WP	ADC2_2	GPIO2	2									14	GPIO14	ADC2_6	TOUCH6	LoRa_RST
OLED_SDA	Touch0	HSPI_HD	ADC2_0	GPIO4	4									12	GPIO12	ADC2_5	TOUCH5	
			U2_TXD	GPIO17	17									13	GPIO13	ADC2_4	TPUCH4	
		OLED_RST	U2_RXD	GPIO16	16									21	SDA	GPIO21	V_SPI_HD	

Pins with this arrow are used by on-board OLED or LoRa, they must not be used for other purpose unless you know what you are doing!