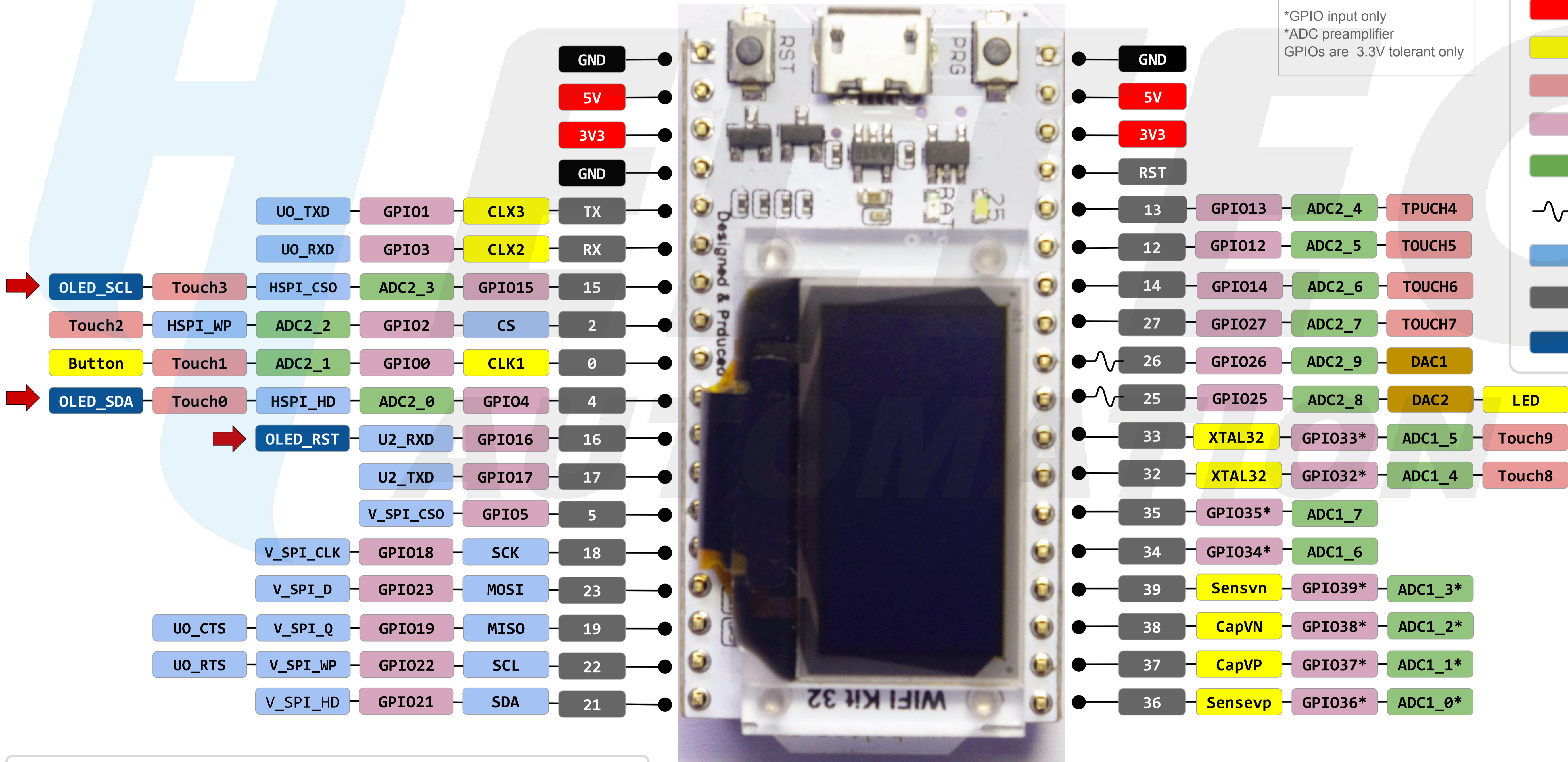


# WiFi Kit 32 Pinout Diagram

## Notes:

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

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



			GND	
			5V	
			3V3	
			GND	
	UO_TXD	GPIO1	CLX3	TX
	UO_RXD	GPIO3	CLX2	RX
→	OLED_SCL	Touch3	HSPI_CS0	ADC2_3
	Touch2	HSPI_WP	ADC2_2	GPIO2
	Button	Touch1	ADC2_1	GPIO0
→	OLED_SDA	Touch0	HSPI_HD	ADC2_0
		→	OLED_RST	U2_RXD
				GPIO16
				U2_TXD
				GPIO17
				V_SPI_CS0
				GPIO5
				5
				V_SPI_CLK
				GPIO18
				SCK
				18
				V_SPI_D
				GPIO23
				MOSI
				23
	UO_CTS	V_SPI_Q	GPIO19	MISO
				19
	UO_RTS	V_SPI_WP	GPIO22	SCL
				22
				V_SPI_HD
				GPIO21
				SDA
				21

	GND			
	5V			
	3V3			
	RST			
	13	GPIO13	ADC2_4	TPUCH4
	12	GPIO12	ADC2_5	TOUCH5
	14	GPIO14	ADC2_6	TOUCH6
	27	GPIO27	ADC2_7	TOUCH7
	~	GPIO26	ADC2_9	DAC1
	~	GPIO25	ADC2_8	DAC2
				LED
	33	XTAL32	GPIO33*	ADC1_5
				Touch9
	32	XTAL32	GPIO32*	ADC1_4
				Touch8
	35	GPIO35*	ADC1_7	
	34	GPIO34*	ADC1_6	
	39	Sensvn	GPIO39*	ADC1_3*
	38	CapvN	GPIO38*	ADC1_2*
	37	CapvP	GPIO37*	ADC1_1*
	36	Sensevp	GPIO36*	ADC1_0*

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

