

WiFi LoRa 32(V2.1) Pinout Diagram

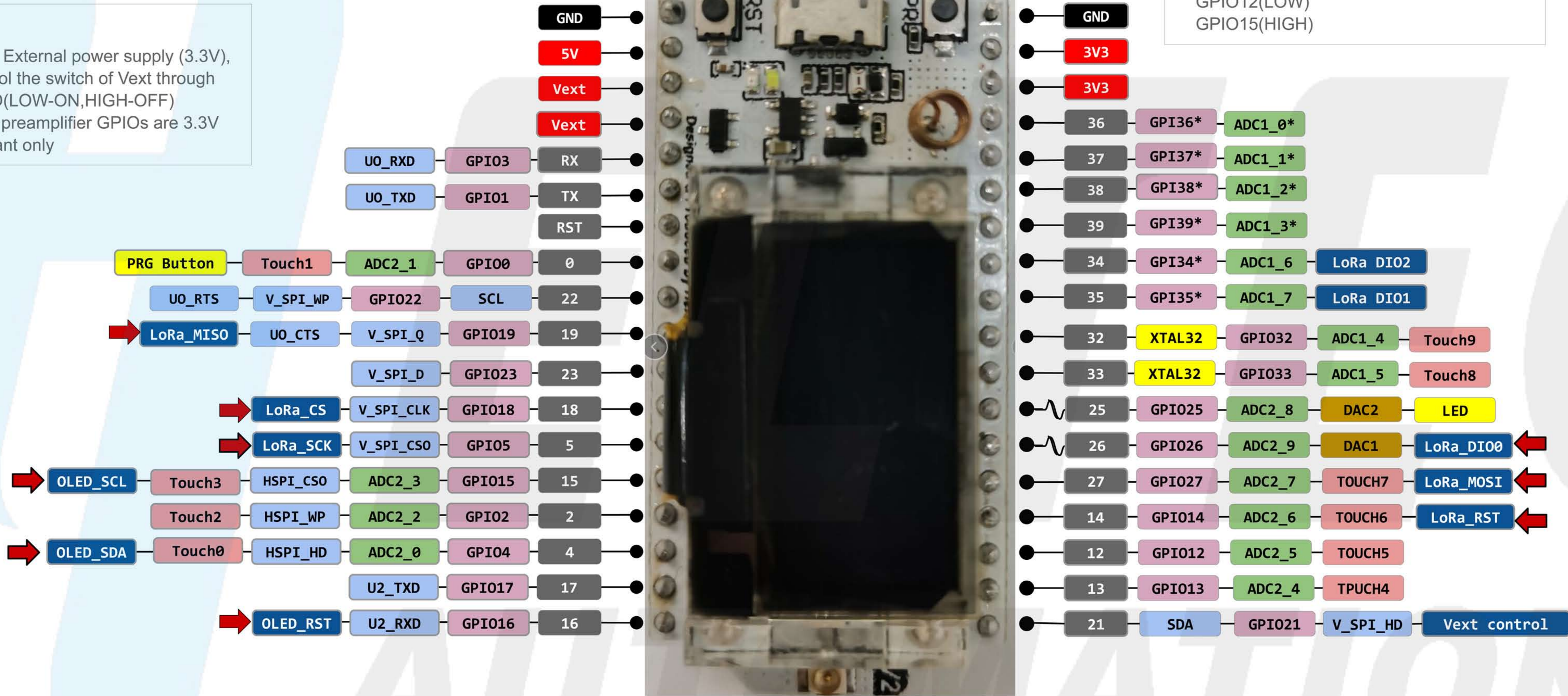
Notes:

- Vext: External power supply (3.3V), control the switch of Vext through GPIO(LOW-ON,HIGH-OFF)
- ADC preamplifier GPIOs are 3.3V tolerant only

Tips:

- These pins must be in the following states when downloading the program:
GPIO5(LOW)
GPIO12(LOW)
GPIO15(HIGH)

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



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!