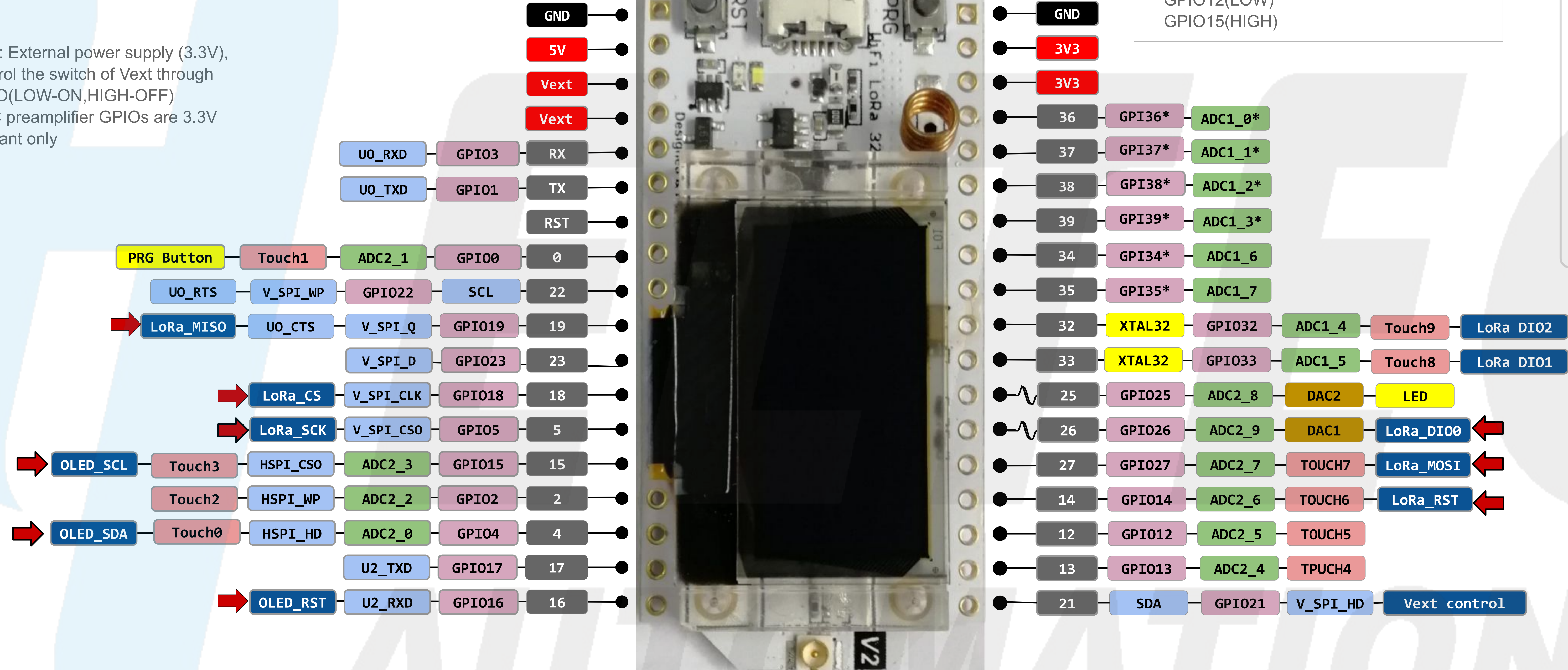


## WIFI LoRa 32(V2.1) Pinout Diagram

## 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

- 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



- 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!