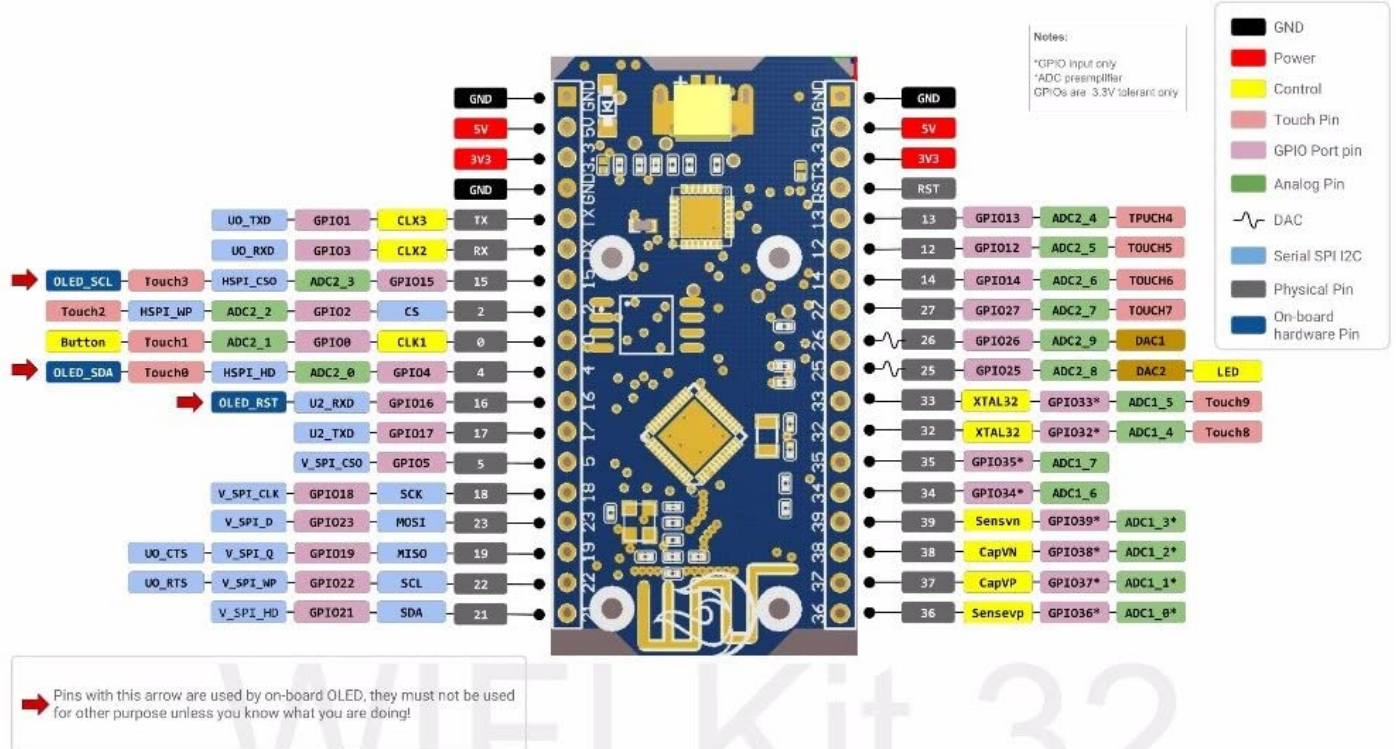


WIFI Kit 32 Pinout Diagram



## Connection Between ESP32 and RFID(RC522)

### ESP32 RC522

18	SCK
19	MISO
21	SDA
22	RST
23	MOSI

GND	GND
3v3	3v3

## Connection Between ESP32 and HX711

1. Load Cell to HX711 (Load cell amplifier): (if needed)

Load cell wire colour	HX711 pin
RED	E+
BLACK	E-
WHITE	A-
GREEN	A+

2. HX711 (Load cell amplifier) to ESP32:

HX711	Arduino pin/ power connection
GND	GND
DT	Pin 12
SCK	Pin 13
VCC	<b>+5 volt</b>

The HX711 generally works on +5v. But the ESP32 doesn't have a +5 volts connection. You can try connecting on 3.3v. If it doesn't work, check this- <https://hackaday.io/project/1741-honeybee-hive-monitoring/log/9780-modifying-the-hx711-breakout-board-for-33v-operation>