

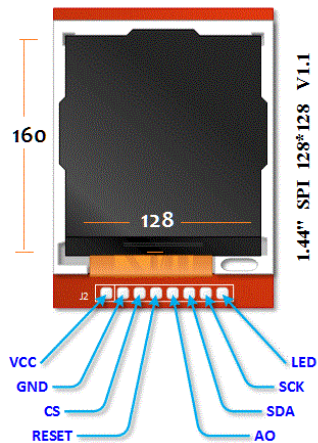
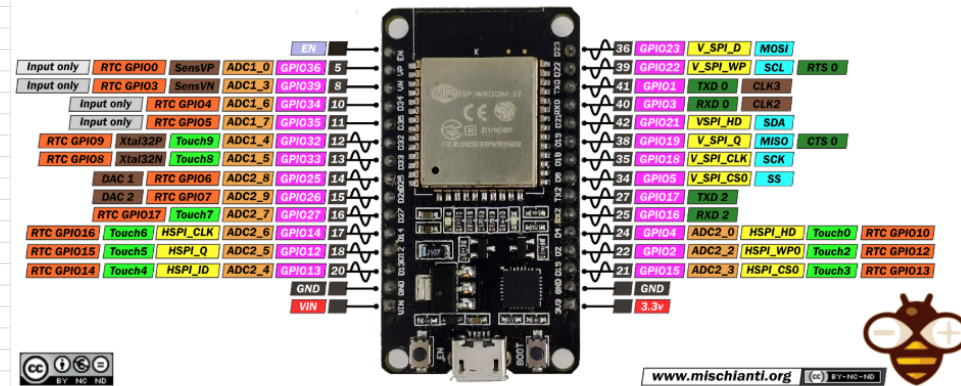
Fingerprint Module				
Pin Number	Name	Type	Function Description	Wire Color
1	Vtouch	In	Touch Sensor Power Input	BLUE
2	Sout	Out	Touch Sensor Output	YELLOW
3	Vin	In	Power Input	RED
4	TD	In	Data Output. TTL logical level	GREEN
5	RD	Out	Data Input. TTL logical level	WHITE
6	GND	...	Signal ground. Connected	BLACK

1.44" OLED Display (ILI9163C SPI)				
Pin Number	Name	Type	Function Description	Wire Color
1	VCC	In	5V	RED
2	GND	In	GND	BLACK
3	CS	In	Chip Select	ORANGE
4	RESET	In	MISO	YELLOW
5	A0	In	...	GREEN
6	SDA	In	MOSI	BLUE
7	SCK	In	SCK	PURPLE
8	LED	Out	LED Display	GRAY

Note\* Pin Number is from left to right of the device

## ESP32 DEV KIT V1 PINOUT



label error

ILI9163C SPI 128X160 ✓

```
#if defined(_144_RED_PCB_)
#define __OFFSET 0 // *32 Old value
```

ILI9163C	UNO	WeMos D1R1	R32
VCC	5V	5V	5V
GND	GND	GND	GND
CS	10	D10=15	5
RESET	12	D12=12 (MISO)	19
A0	9	D9= 2	13
SDA	11	D11=13 (MOSI)	23
SCK	13	D13=14 (SCK)	18
LED	3V3	3V3	3V3

<https://github.com/SurenBono/Alternate-Edzelf-Esp8266-WebRadio-Module>  
2019 Sroto&Gargees™ c/o surenbono76@gmail.com

Modules to ESP32 WROOM	
OLED	ESP32 WROOM
VCC	3.3V
GND	GND
CS	GPIO15
RESET	GPIO4
A0	GPIO2
SDA	GPIO23
SCK	GPIO18
LED	3.3V

Fingerprint Sensor	ESP32 WROOM
BLUE (Vtouch)	---
RED (Vin)	3.3V
YELLOW (Sout)	---
GREEN (TD)	GPIO16 (RX_PIN)
WHITE (RD)	GPIO17 (TX_PIN)
BLACK	GND
SCK	GPIO18
LED	3.3V