

# ESP32 $\leadsto$ ESP8266

	8266	32
bit	32	32
core	1	2
f	80MHz	160 - 240MHz
Wifi	✓	✓
BT	✗	✓ L.E. - 4,2
V	3,3v	3,3v
FLASH	✗	✓
Pin	17	36
PWM	8	16
ADC	10	12 bit
NAC	✗	✓
RAM	[64 K ish 96 K deli	320 kb

ARDUINO IDE

PLATFORMIO  $\rightarrow$  MSVSC } C/C++

(ESPRESSIF)

- python  $\leadsto$  uPython

3 SPI 2 I2C

2 DAC 16 PWM

3 UART ADC (18)

GPIO 2 I2S

10 Touch

# DoIT ESP32 DEVKIT

	IN	OUT	
2	✓	✓	LED
4	✓	✓	
5	✓	✓	
6			
↓	✗ SPI/FLASH		
11			
12	✗	✓	
13			
↓	✓	✓	
19			
21	✓	✓	
22	✓		
23		✓	
25	✓	✓	
26	✓	✓	
27	✓	✓	

	1	0
32	✓	✓
33		✓
34	✓	
35	✓	✗
36	✓	✗
39	✓	