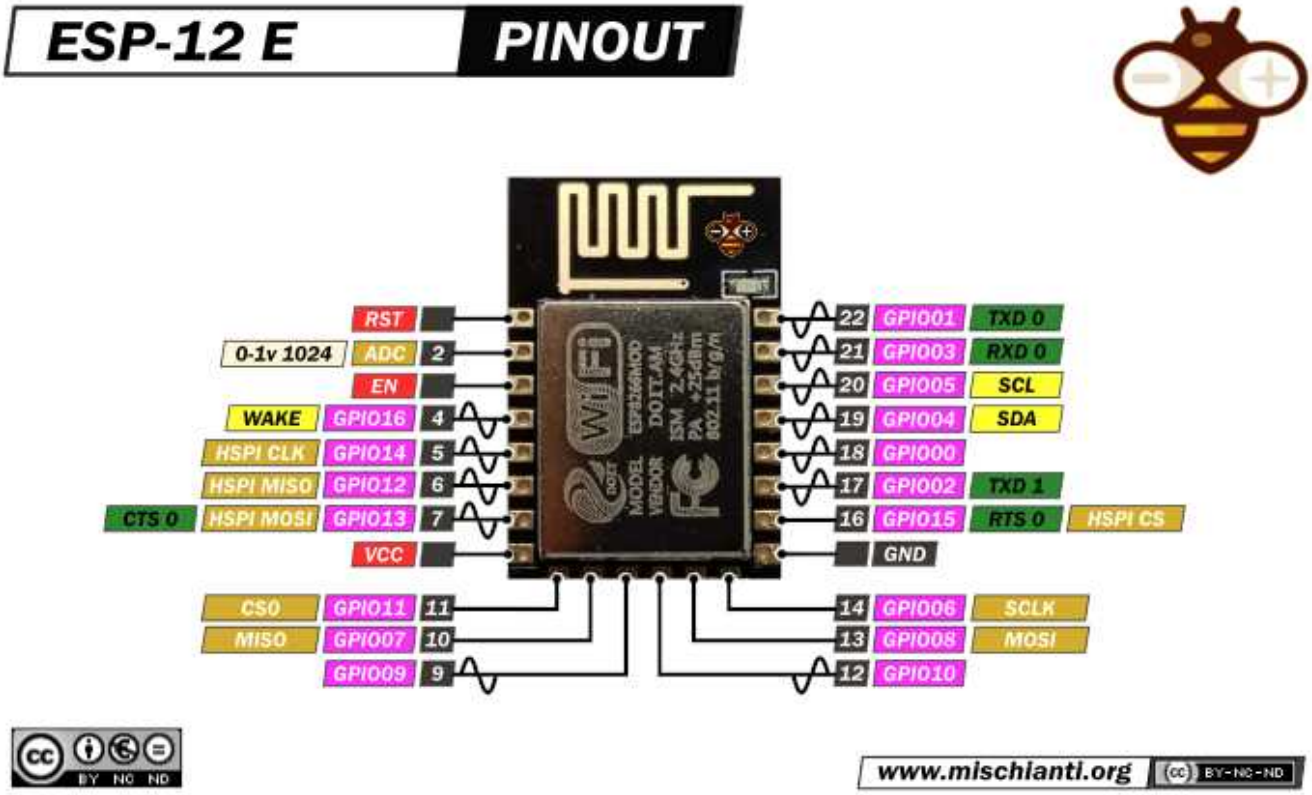
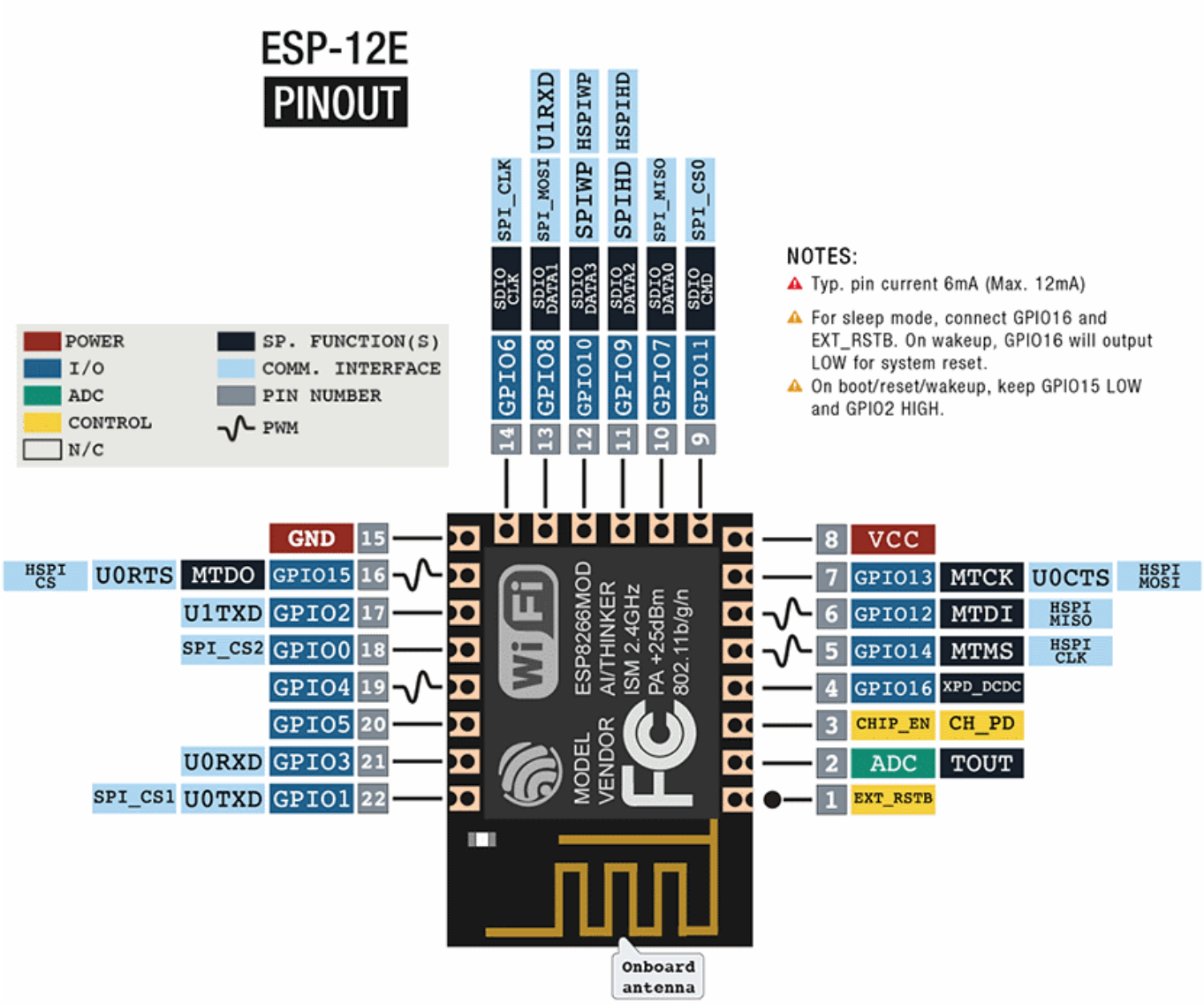
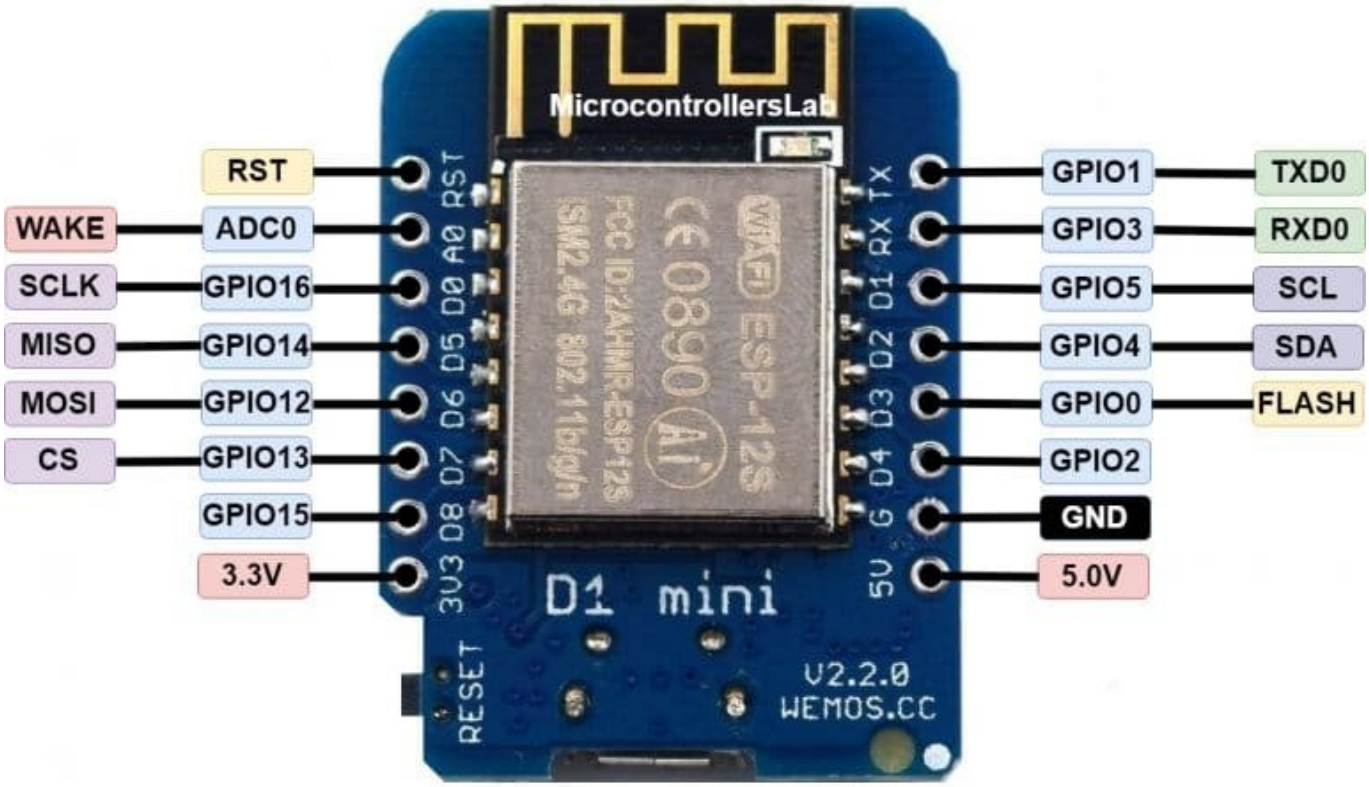
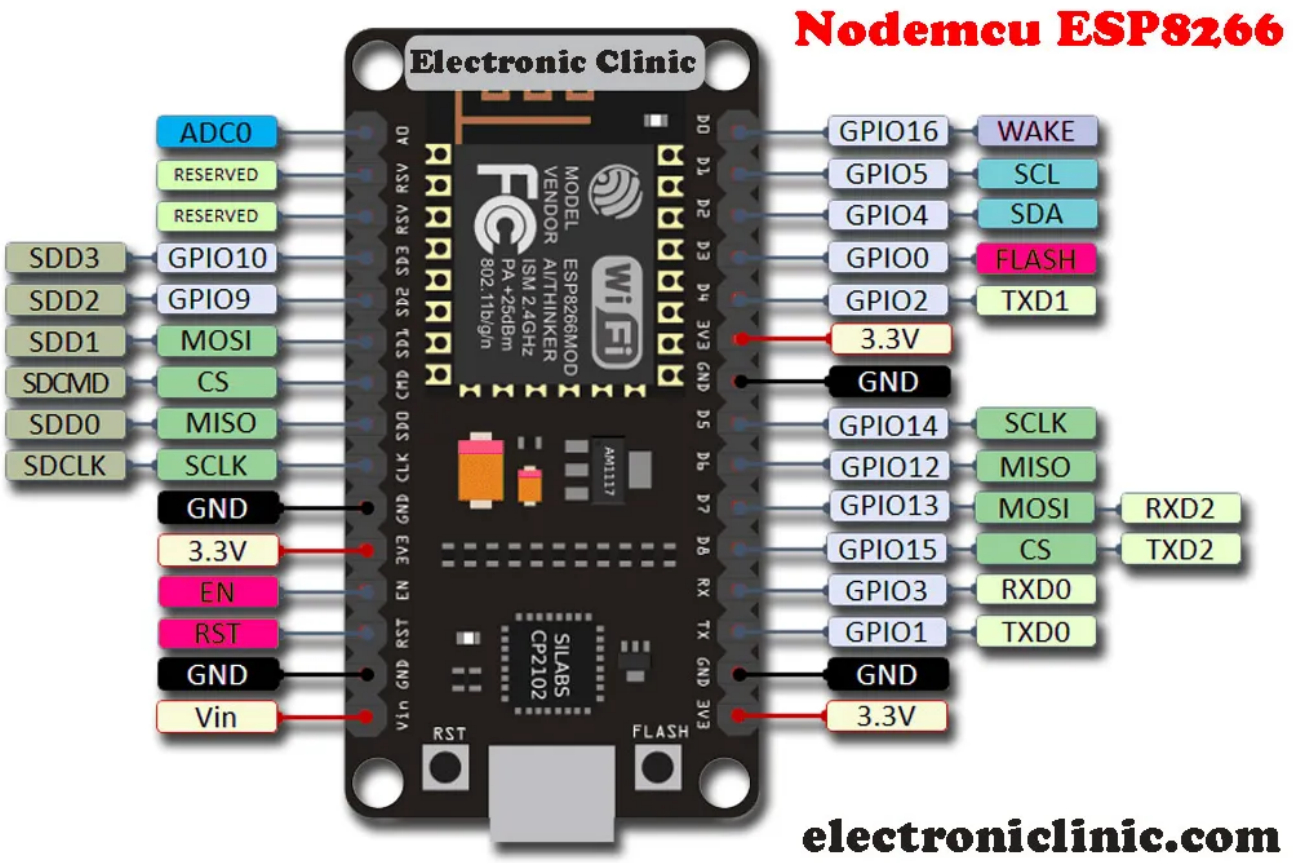
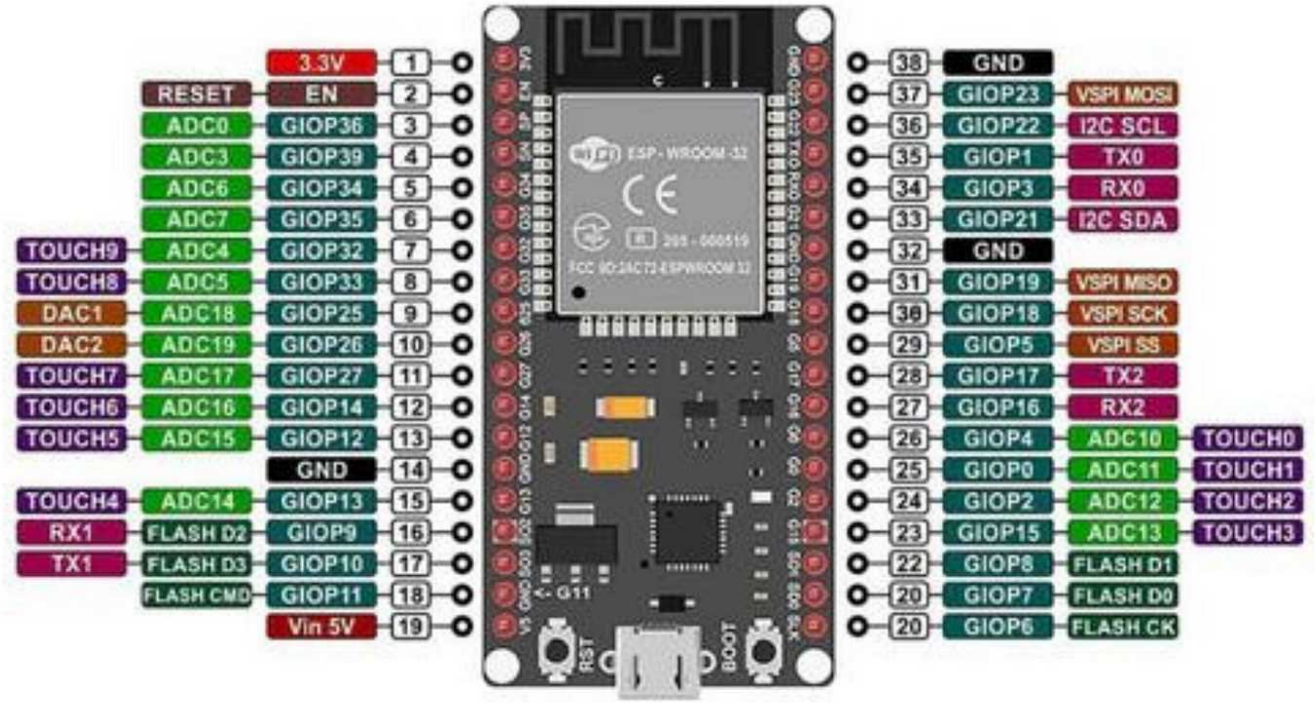

ESP-12 E
PINOUT
RST
0-1v 1024
ADC
2
EN
WAKE
GPIO16
4
HSPI CLK
GPIO14
5
HSPI MISO
GPIO12
6
CTS 0
HSPI MOSI
GPIO13
7
VCC
CS0
GPIO11
11
MISO
GPIO07
10
GPIO09
9
22
GPIO01
TXD 0
21
GPIO03
RXD 0
20
GPIO05
SCL
19
GPIO04
SDA
18
GPIO00
17
GPIO02
TXD 1
16
GPIO15
RTS 0
HSPI CS
GND
14
GPIO06
SCLK
13
GPIO08
MOSI
12
GPIO10
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ESP-12E
PINOUT
POWER
I/O
ADC
CONTROL
N/C
SP. FUNCTION(S)
COMM. INTERFACE
PIN NUMBER
PWM
NOTES:
Typ. pin current 6mA (Max. 12mA)
For sleep mode, connect GPIO16 and EXT_RSTB. On wakeup, GPIO16 will output LOW for system reset.
On boot/reset/wakeup, keep GPIO15 LOW and GPIO2 HIGH.
U1RXD
HSPIWP
HSPIHD
SPI_CLK
SPI_MOSI
SPIWP
SPIHD
SPI_MISO
SPI_CS0
SDIO CLK
SDIO DATA1
SDIO DATA3
SDIO DATA2
SDIO DATA0
SDIO CMD
GPIO6
GPIO8
GPIO10
GPIO9
GPIO7
GPIO11
14
13
12
11
10
9
GND 15
HSPI CS
U0RTS
MTDO GPIO15 16
U1TXD GPIO2 17
SPI_CS2 GPIO0 18
GPIO4 19
GPIO5 20
U0RXD GPIO3 21
SPI_CS1 U0TXD GPIO1 22
8 VCC
7 GPIO13 MTCK U0CTS HSPI MOSI
6 GPIO12 MTDI HSPI MISO
5 GPIO14 MTMS HSPI CLK
4 GPIO16 XPD_DCDC
3 CHIP_EN CH_PD
2 ADC TOUT
1 EXT_RSTB
ESP8266MOD
AI/THINKER
ISM 2.4GHz
PA +25dBm
802.11b/g/n
MODEL
VENDOR
Onboard antenna


MicrocontrollersLab
RST
WAKE
ADC0
SCLK
GPIO16
MISO
GPIO14
MOSI
GPIO12
CS
GPIO13
GPIO15
3.3V
GPIO1
TXD0
GPIO3
RXD0
GPIO5
SCL
GPIO4
SDA
GPIO0
FLASH
GPIO2
GND
5.0V
D1 mini
V2.2.0
WEMOS.CC
RESET


Nodemcu ESP8266
Electronic Clinic
ADC0
RESERVED
RESERVED
SDD3
GPIO10
SDD2
GPIO9
SDD1
MOSI
SDCMD
CS
SDD0
MISO
SDCLK
SCLK
GND
3.3V
EN
RST
GND
Vin
GPIO16
WAKE
GPIO5
SCL
GPIO4
SDA
GPIO0
FLASH
GPIO2
TXD1
3.3V
GND
GPIO14
SCLK
GPIO12
MISO
GPIO13
MOSI
RXD2
GPIO15
CS
TXD2
GPIO3
RXD0
GPIO1
TXD0
GND
3.3V
RST
FLASH
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