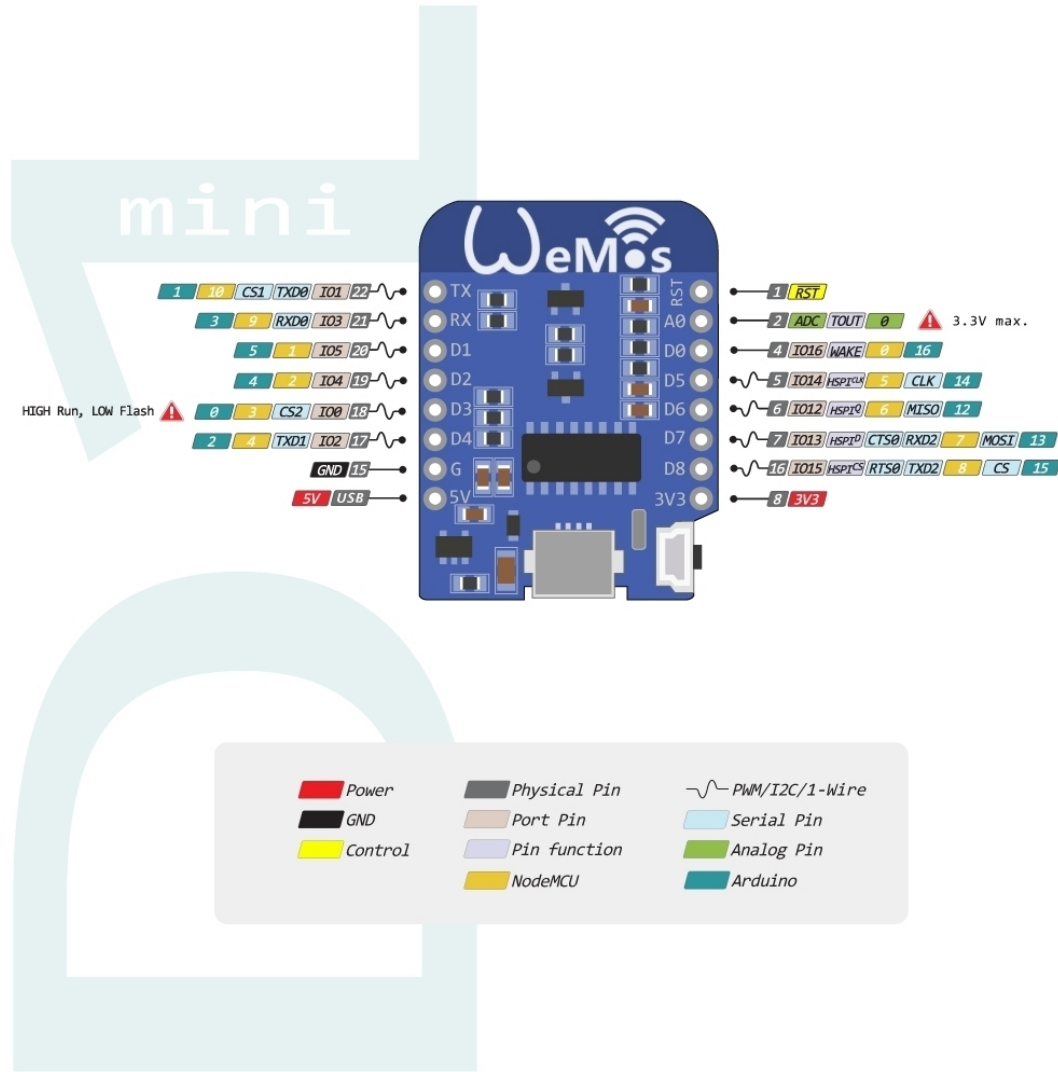# EscapeQuotes

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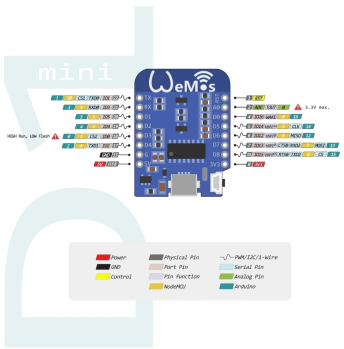
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WeMos D1 mini pins and diagram

Diagram

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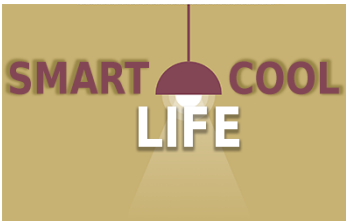
ESP8266: DHT22 temperature sensor

ESP8266 Wemos D1 mini PRO v1 – CP2104 USB driver

AVR Programmer: AtTiny45, AtTiny85

OUR PARTNERS

Pin

Pin	Function	ESP-8266 Pin
TX	TXD	TXD
RX	RXD	RXD
A0	Analog input, max 3.3V input	A0
D0	IO	GPIO16
D1	IO, SCL	GPIO5
D2	IO, SDA	GPIO4
D3	IO,10k Pull-up	GPIO0
D4	IO, 10k pull-up, BUILTIN_LED	GPIO2
D5	IO, SCK	GPIO14
D6	IO, MISO	GPIO12
D7	IO, MOSI	GPIO13
D8	IO,10k pull-down, SS	GPIO15
G	Ground	GND
5V	5V	–
3V3	3.3V	3.3V
RST	Reset	RST

All IO have interrupt/pwm/I2C/one-wire supported(except D0)

d1 mini shematics (updated schematics):

http://www.wemos.cc/en/latest/_static/files/sch_d1_mini_v3.0.0.pdf

Programming

The D1 mini has a micro USB for auto programming. Also you can programming it using OTA

Warnings

All IO is work at 3.3V.

Source wemos.cc

I've got the module from here

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👤 escapequotes   📅 February 19, 2016   📁 arduino, ESP8266, wemos

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⟵ WeMos D1 mini ESP8266   WeMos D1mini ArduinoIDE ⟶

2 thoughts on "WeMos D1 mini pins and diagram"

👤 Ken Carrigan
📅 January 21, 2020 at 12:59
🔗 Permalink

Schematic forgot the Internal LED with resistor on GPIO2.

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👤 escapequotes   Post author
📅 February 10, 2020 at 10:08
🔗 Permalink

Reposted a new revision. Thank you.

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