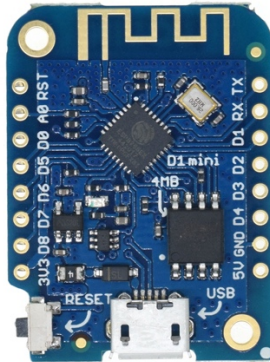


## LOLIN D1 mini

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A mini wifi board with 4MB flash based on ESP-8266EX.

## Features

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11 digital IO, interrupt / pwm / I2C / one-wire supported (except D0)  
1 analog input (3.2V max input)  
a Micro USB connection  
Compatible with MicroPython, Arduino, nodemcu

## Tutorials

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<https://hass.sebastienjean.me>

## Technical specs

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Part Number	WeMos-D1-mini-4M
Operating Voltage	3,3V
Digital I/O Pins	11
Analog Input Pins	1 (3.2V Max)
Clock Speed	80 / 160MHz
Flash	4M Bytes
Size	34.2 * 25.6mm
Weight	3g

## Pinout

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Pin	Function	ESP-8266 Pin
TX	TXD	TXD
RX	RXD	RXD
A0	Analog input, max 3.2V	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

## Note

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All of the I/O pins run at 3.3V.

## Version

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V3.1.0 (current)

V3.0.0

V2.3.0

V2.2.0