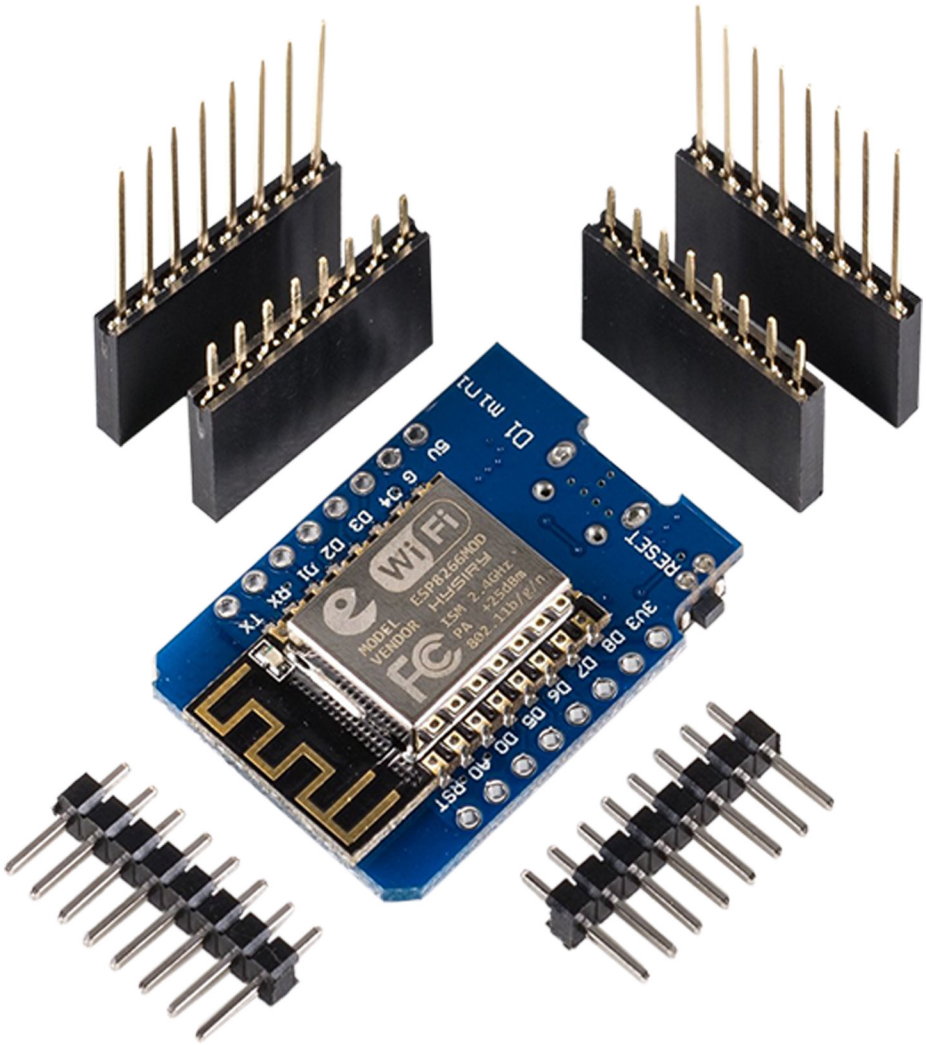
AZ-Delivery

Ihr Experte für Mikroelektronik!

D1 Mini
Datenblatt



Contents:

1. Features
2. Technical specs
3. Pin

1. Features

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

2. Technical specs

Microcontroller:	ESP-8266EX
Operating Voltage:	3.3V
Digital I/O Pins:	11
Analog Input Pins:	1 (Max input: 3.2V)
Clock Speed:	80MHz/160MHz
Flash:	4M bytes
Length:	34.2mm
Width:	25.6mm
Weight:	3g

3. 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