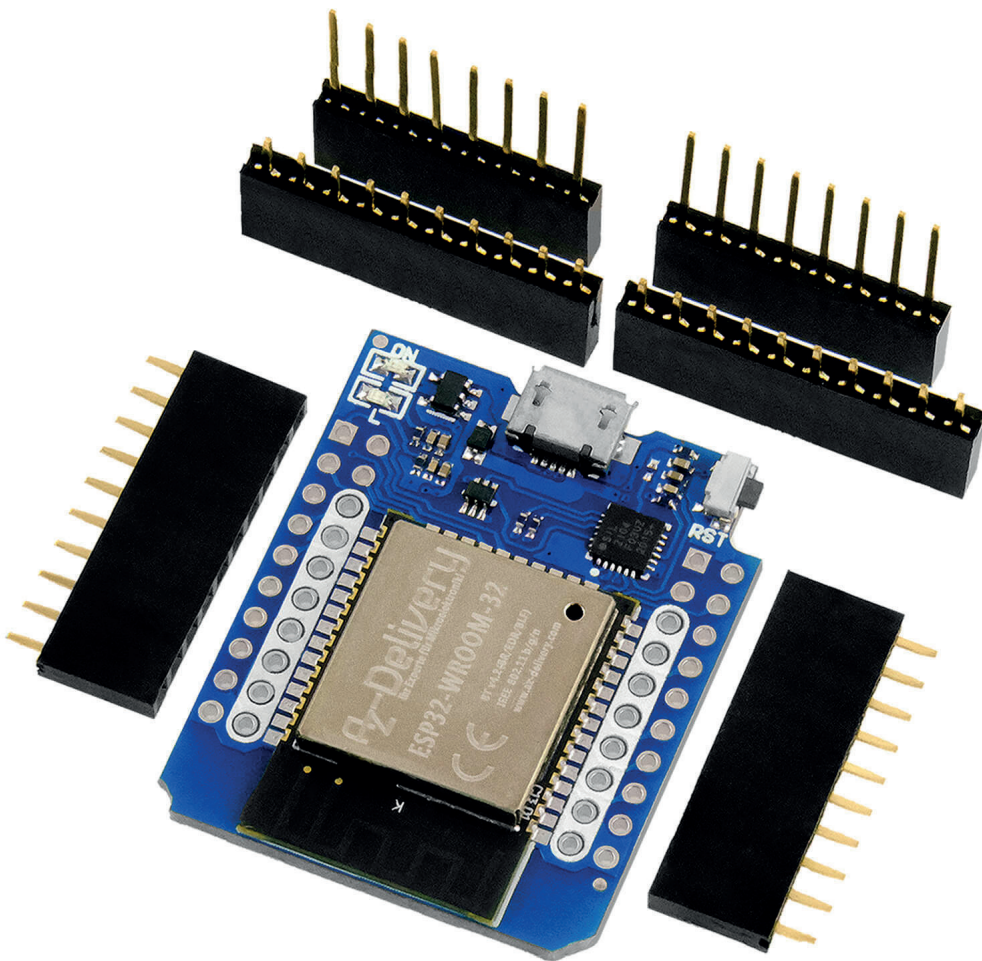


D1 Mini ESP32 Datenblatt



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1. Specifications

Power supply voltage (USB)	5V DC
Input/Output voltage	3.3V DC
Operating current required	min. 500mA
SoC	ESP32-WROOM-32
CPU	Xtensa® single-dual-core 32-bit LX6
Chipset	ESP32-D0WQ6
Clock frequency range	80MHz / 240MHz
RAM	512kB
External flash memory	4MB
I/O pins	34
ADC channels	18
ADC Resolution	12-bit
DAC channels	2
DAC Resolution	8-bit
Communication interfaces	SPI, I2C, I2S, CAN, UART
Max. current drawn per GPIO pin	40mA
Wi-Fi protocols	802.11 b/g/n (802.11n up to 150 Mbps)
Wi-Fi frequency	2.4 GHz - 2.5 GHz
Bluetooth	V4.2 - BLE and Classic Bluetooth
Wireless antenna	PCB
USB to serial chip	CP2104
Dimensions	39x28x6mm (1.5x1.1x0.2in)

2. Pinout

