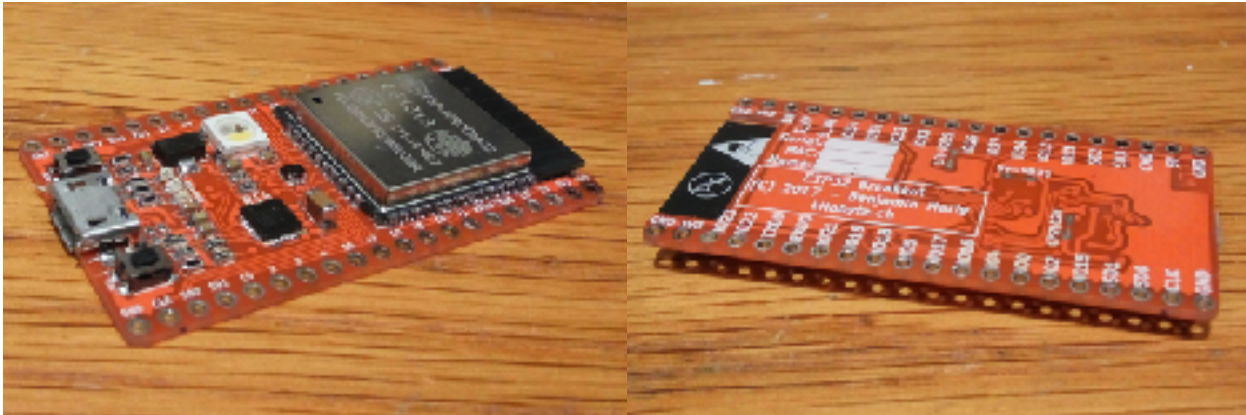


# ESP32-WROOM-32 Dev Module / Breakout

Designed by Kilobyte



SMALL BREADBOARD FRIENDLY ESP32 DEV BOARD

## What is it?

It's a little "perfect" ESP32 Dev Board. It has everything you need for a rapid start into the ESP32 world and more.

## Why did you make it?

I already owned multiple ESP32 Dev Boards, but all lacked in the one or other feature. Some of them had crappy Serial converters, other had HW issues or they haven't had any status LED's on it.

So I made the "perfect" ESP32 Dev Board. It has a RGBW LED for a user defined status (SK6812). On the other it has Power + TX + RX LED. Sure it has an autoprogram circuit. It features a low quiescent voltage Regulator which is perfect for low power operations.

As Serial converter I've used the quite powerful CP2102n which supports up to 3 MBaud. Perfect for such an application!

## What makes it special?

It's small and still features all important features for an Dev Board.

## Quality

My goal is to provide the best quality possible. The modules are assembled in Switzerland. I test every module prior shipping.

## Technical Q&A

### ***How big is the PCB?***

1.02 in. × 2.01 in. (25.81 mm × 50.95 mm)

### ***How can I power the thing?***

It's designed to get powered via the onboard Micro USB Socket. But you're free to power it via 5V on the header pins.

### ***It just doesn't work. What can I do?***

If you have any sort of issue, just contact me. I try to find a solution for every kind of issue. But make sure to include as many information so I have a clue what you're trying to do.

### ***What do I get if I buy one of this?***

You get one module as on the image.

### ***Is it compatible with my Arduino IDE XYZ?***

It should work with the Arduino for ESP32. But I can't guarantee it due to I'm not using it.