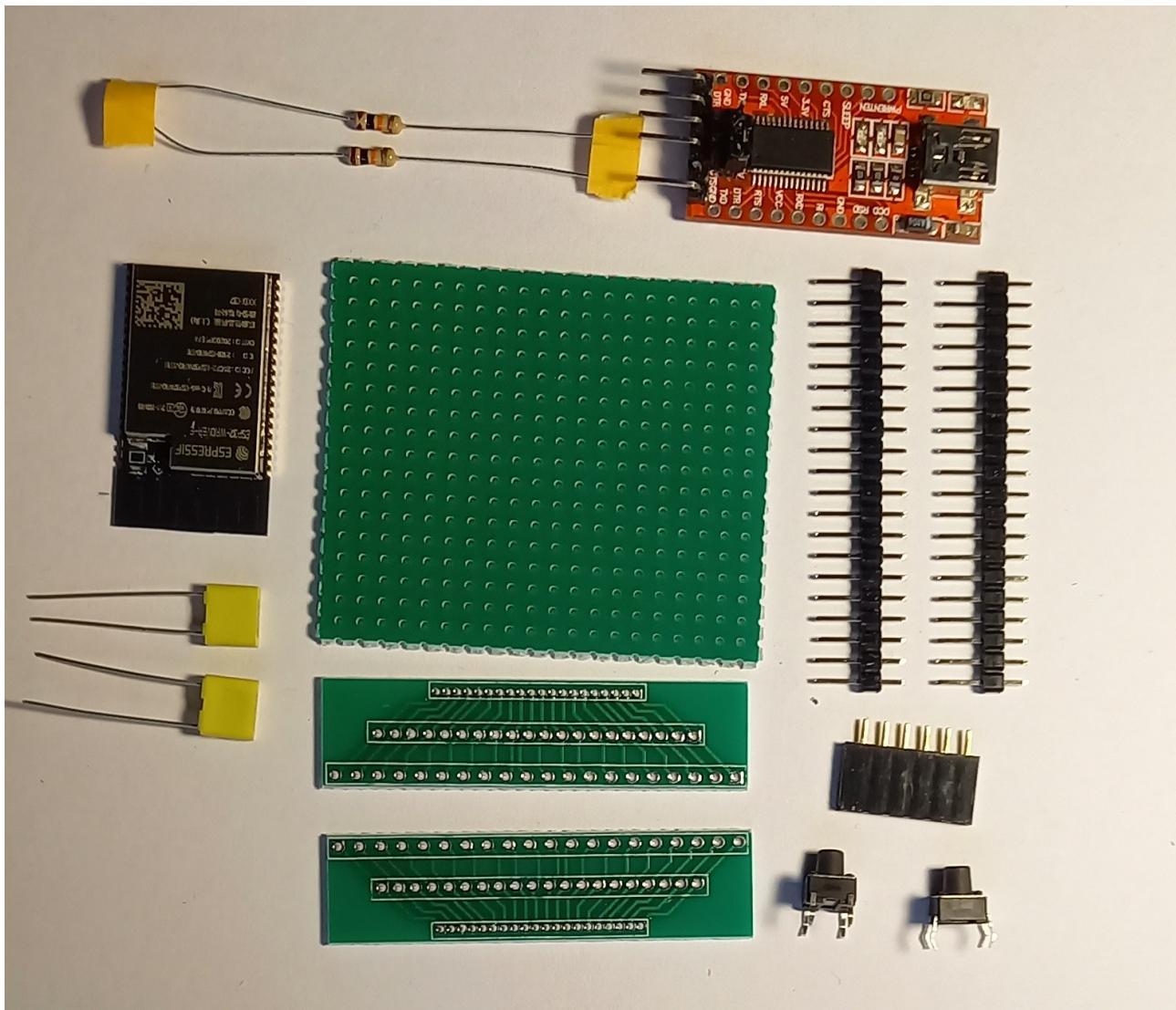


DIY ESP32-WROVER Devkit



Parts List

1 x ESP32-WROVER

<https://www.conrad.be/nl/p/espressif-esp32-wrover-e-m213eh3264ph3q0-draadloze-module-1-stuk-s-2383845.html>

2 x 100nF

2 x 10K

2 x pushbutton N.O.

1 x 40 pin 2.54mm male pinheader

1 x 6 pin 2.54 mm female pinheader

1 x pcb board 20 holes x 17 holes

2 x 20 x 1.27 mm to 20 x 2.54mm adapter

https://www.aliexpress.com/item/1005004095138631.html?spm=a2g0o.productlist.main.1.60ef2c7bnmv04a&algo_pvid=fbb64843-acca-4ab8-aa9e-bb7621c659c2&aem_p4p_detail=202301231152322303908770862800020800834&algo_exp_id=fbb64843-acca-4ab8-aa9e-bb7621c659c2-0&pdp_ext_f=%7B%22sku_id%22%3A%2212000028016528696%22%7D&pdp_npi=2%40dis%21EUR%210.12%210.11%21%21%21%21%40211bda9b16745035528843245d0706%211200002801

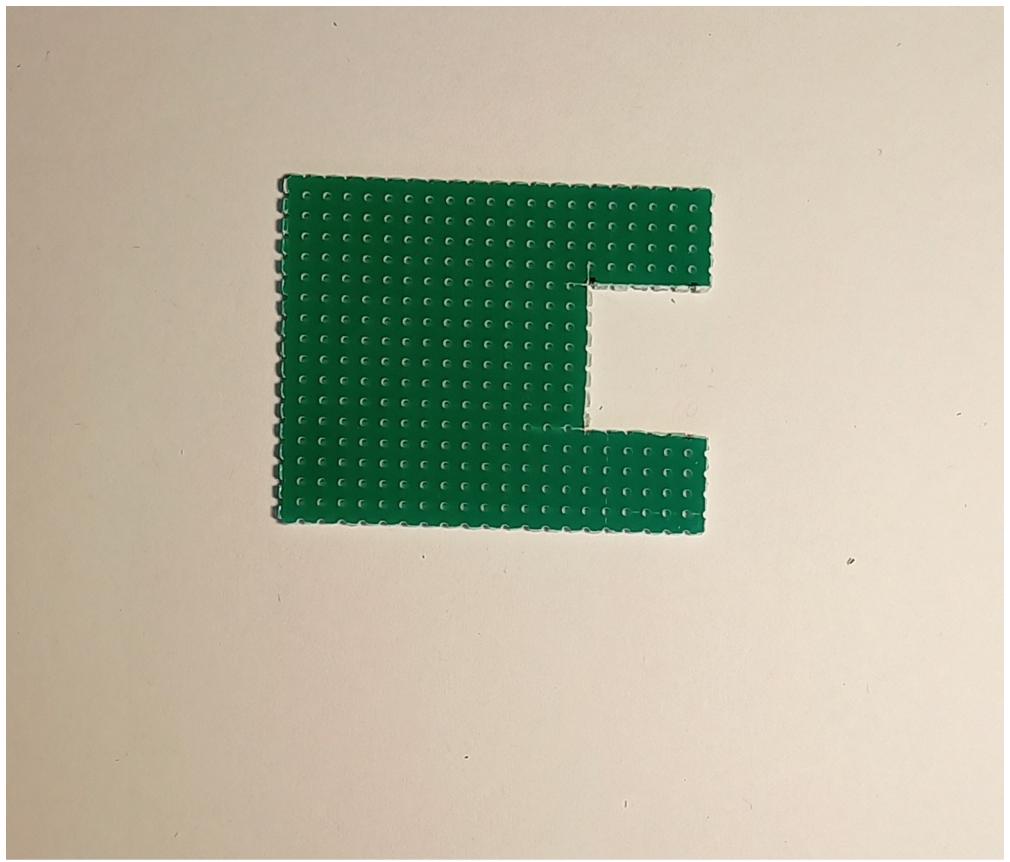
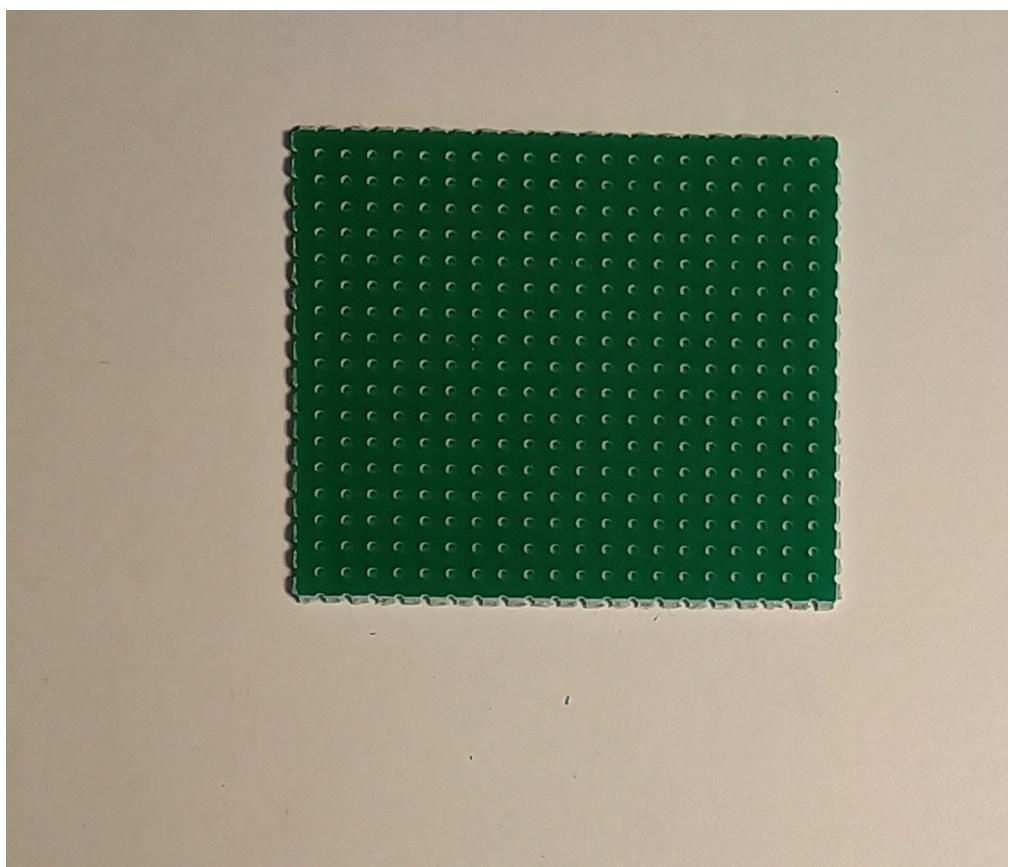
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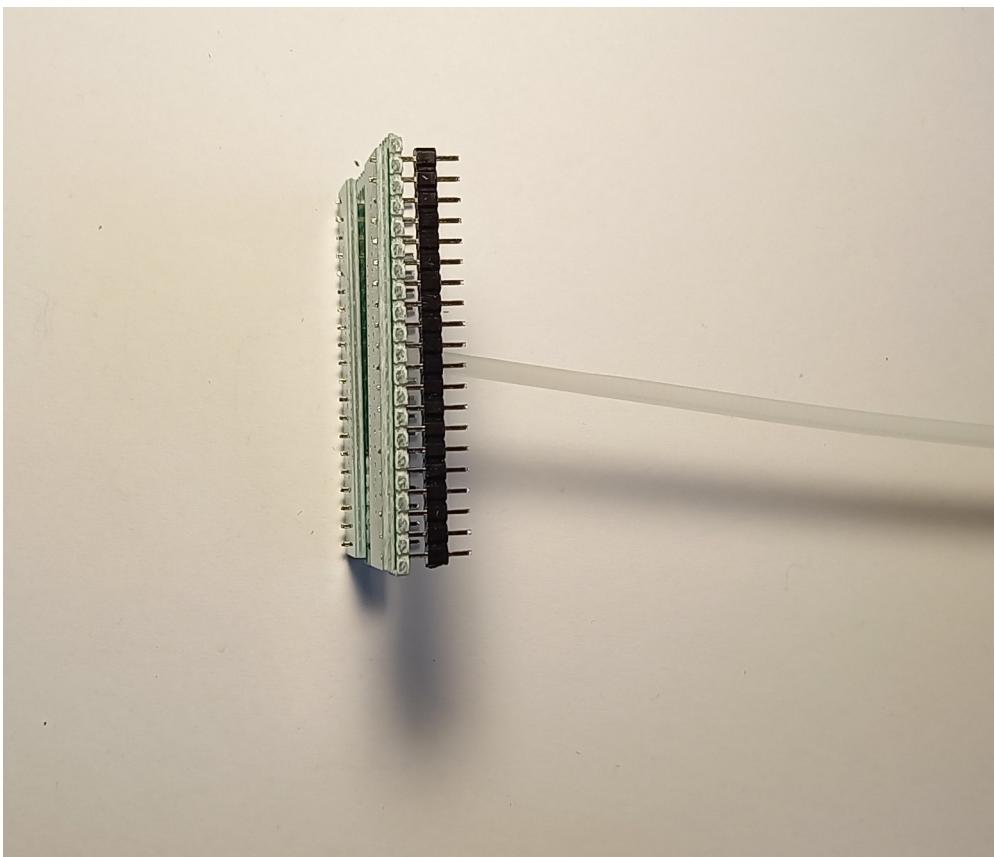
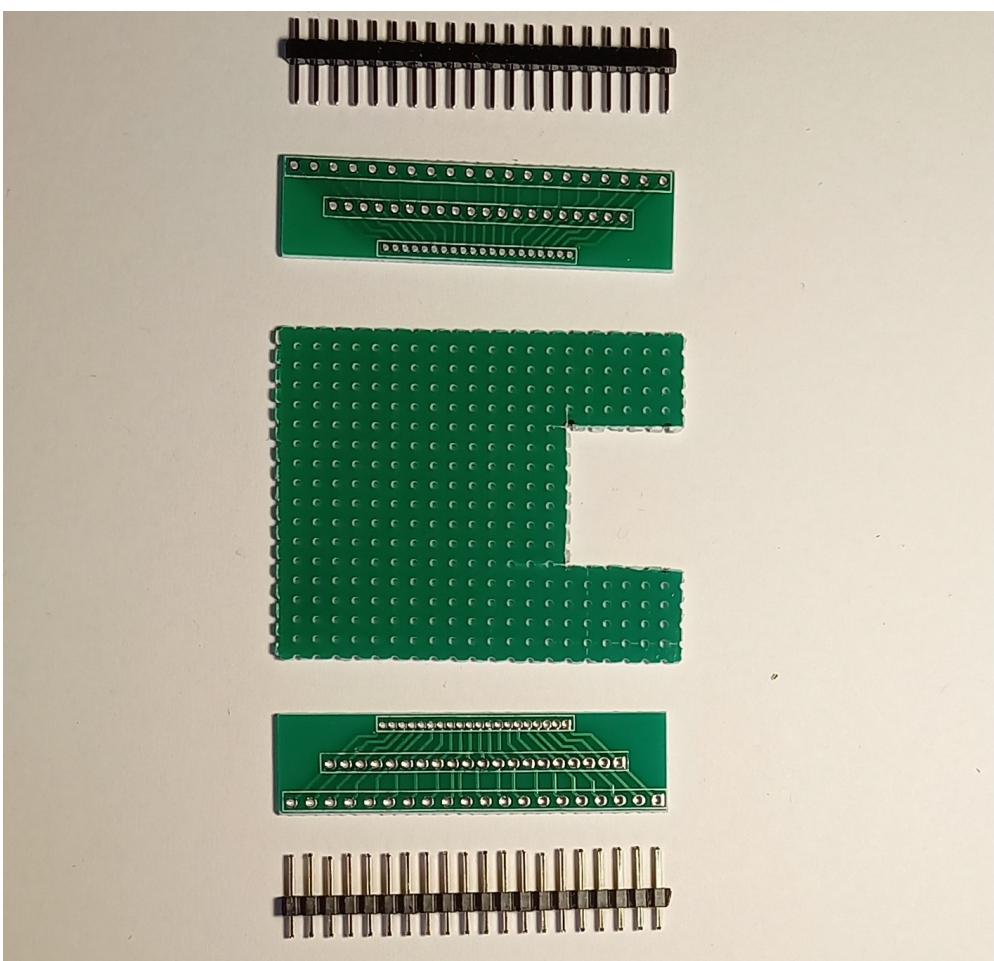
1 x FTDI for programming

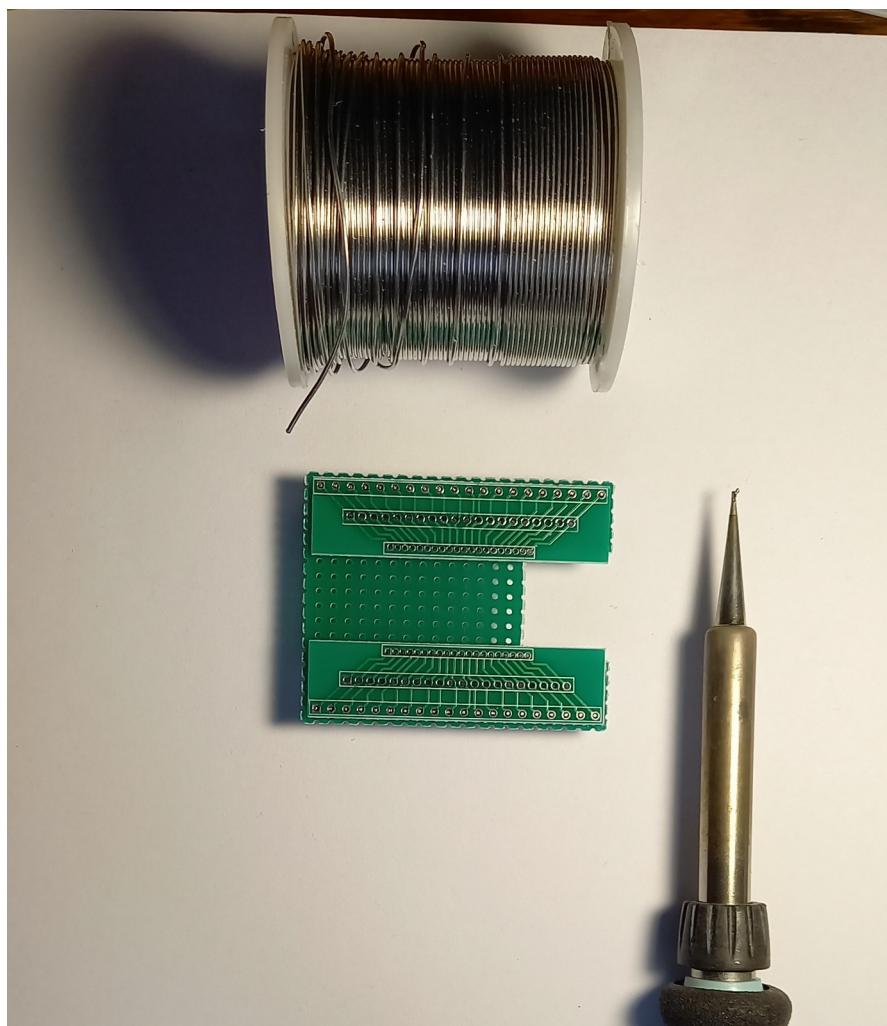
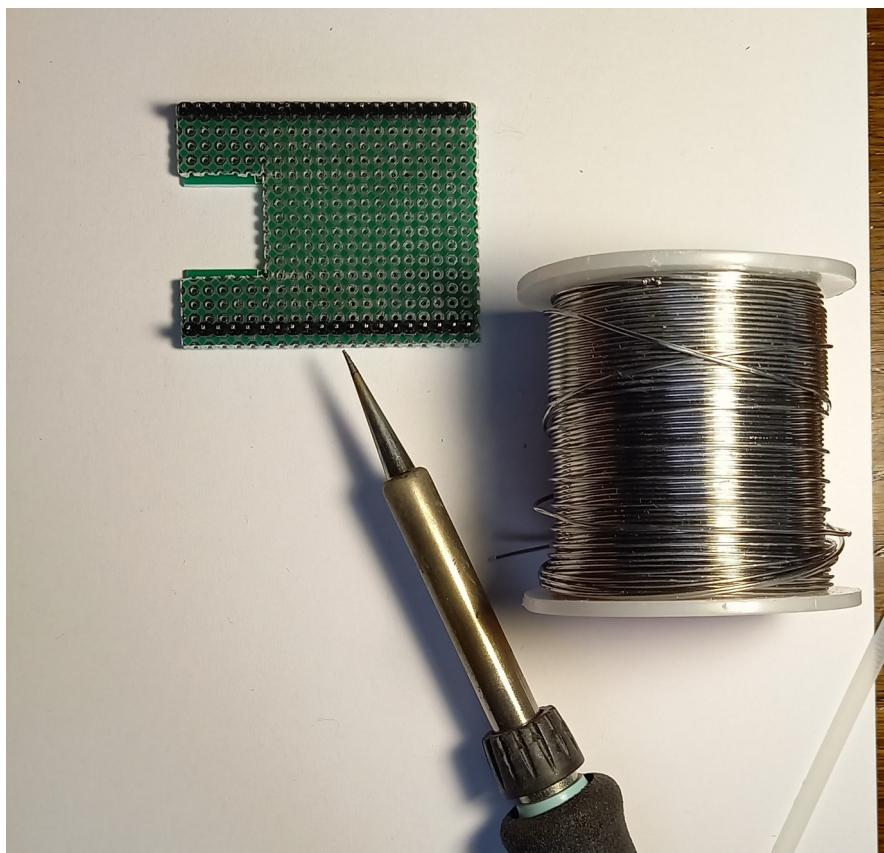
**ESP32-WROVER
adapter** >> **2 x 19 connections
 >> 20 pin**

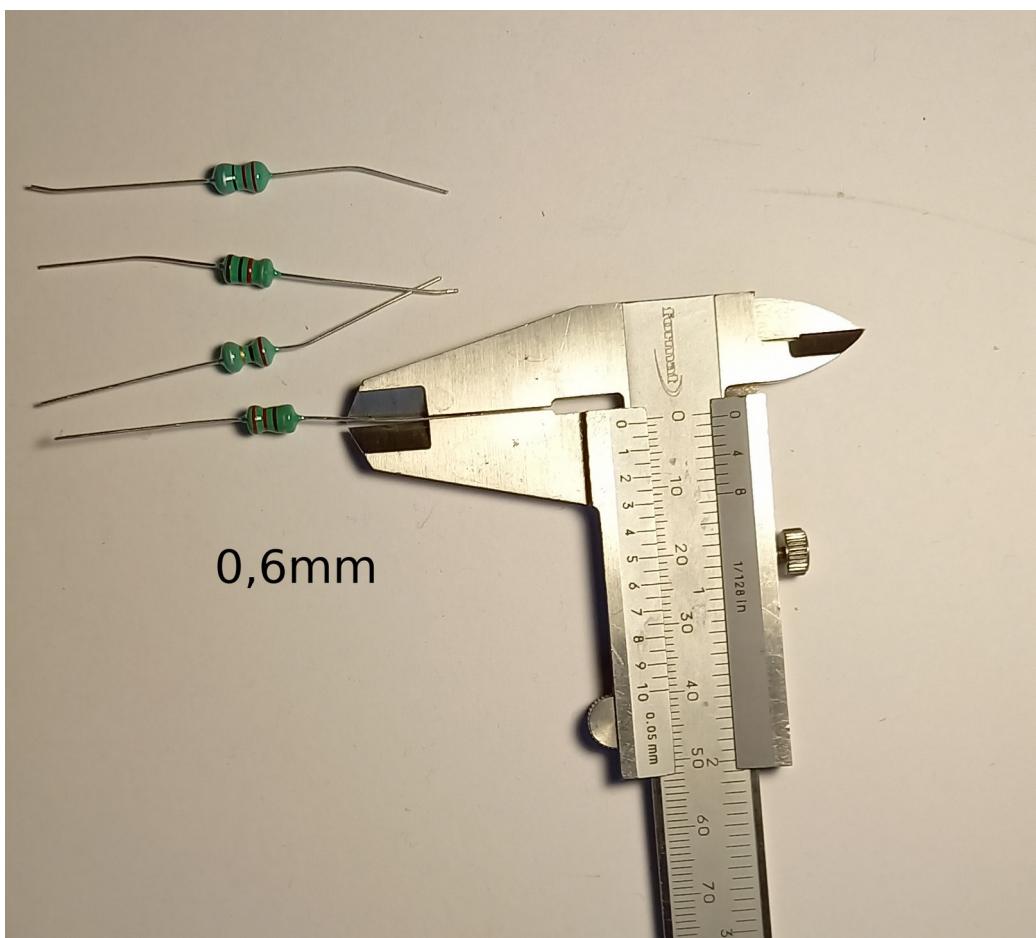
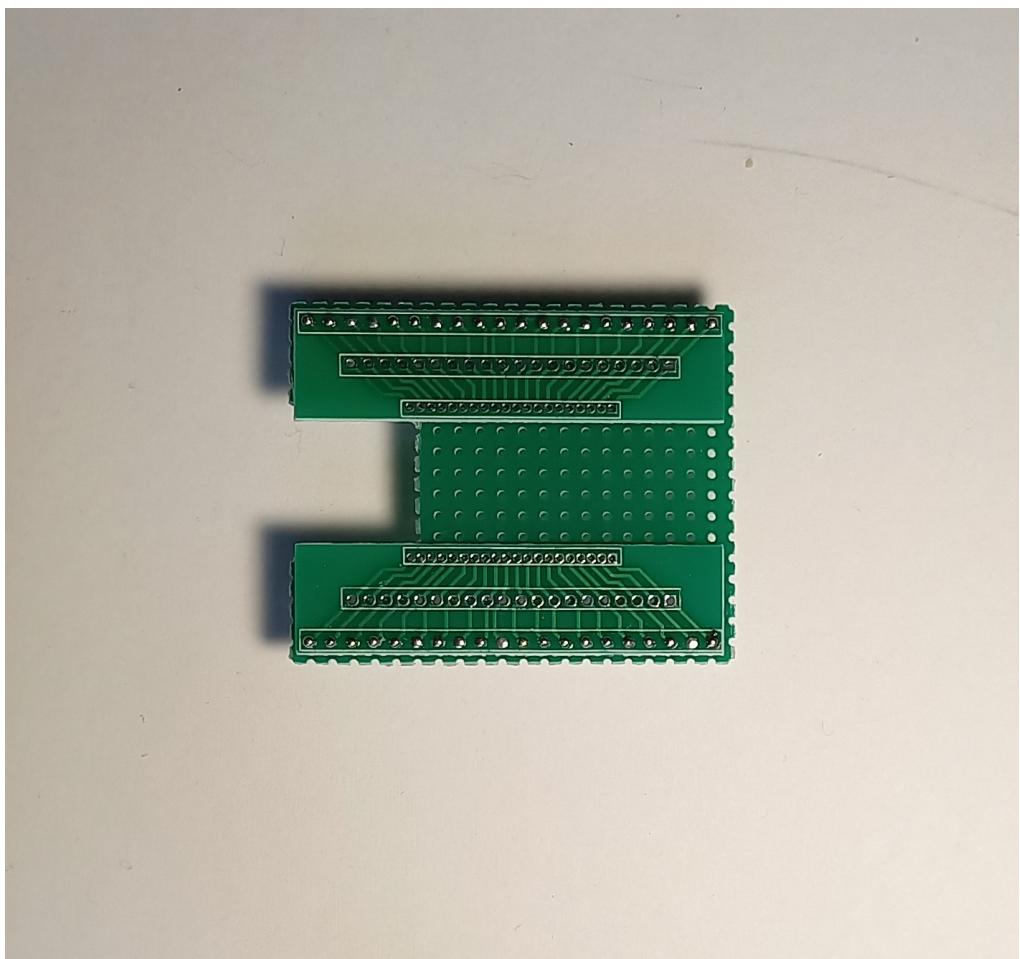
On github

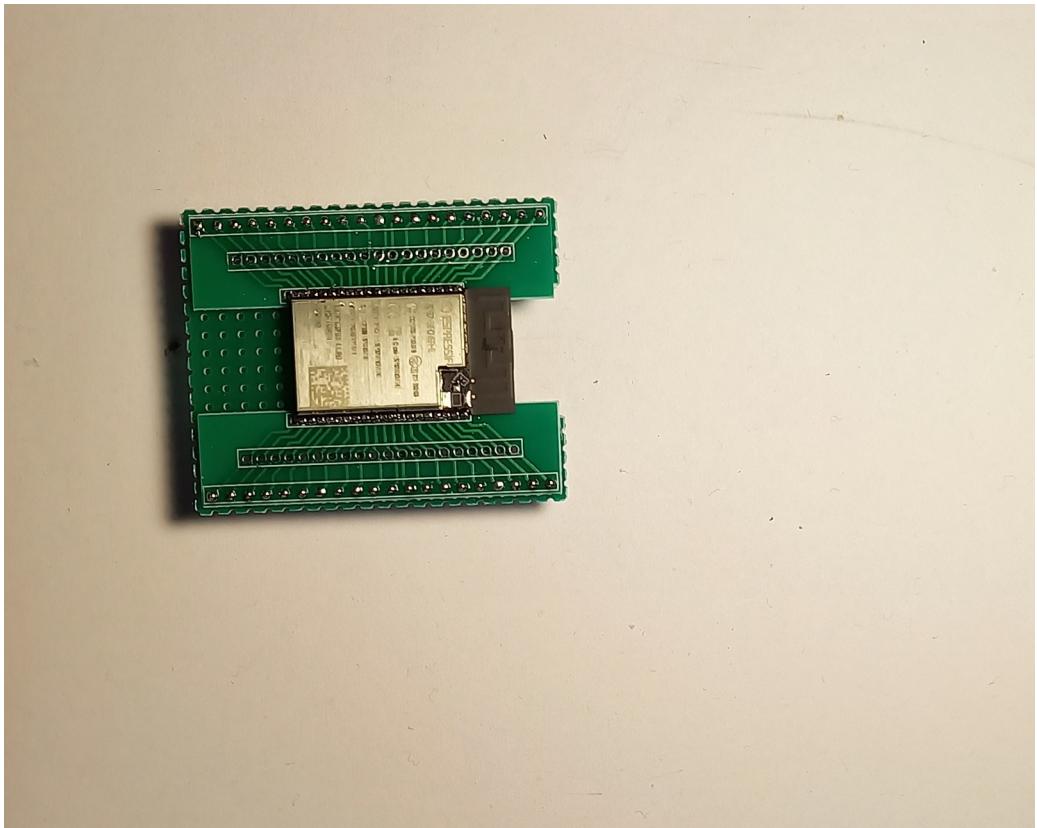
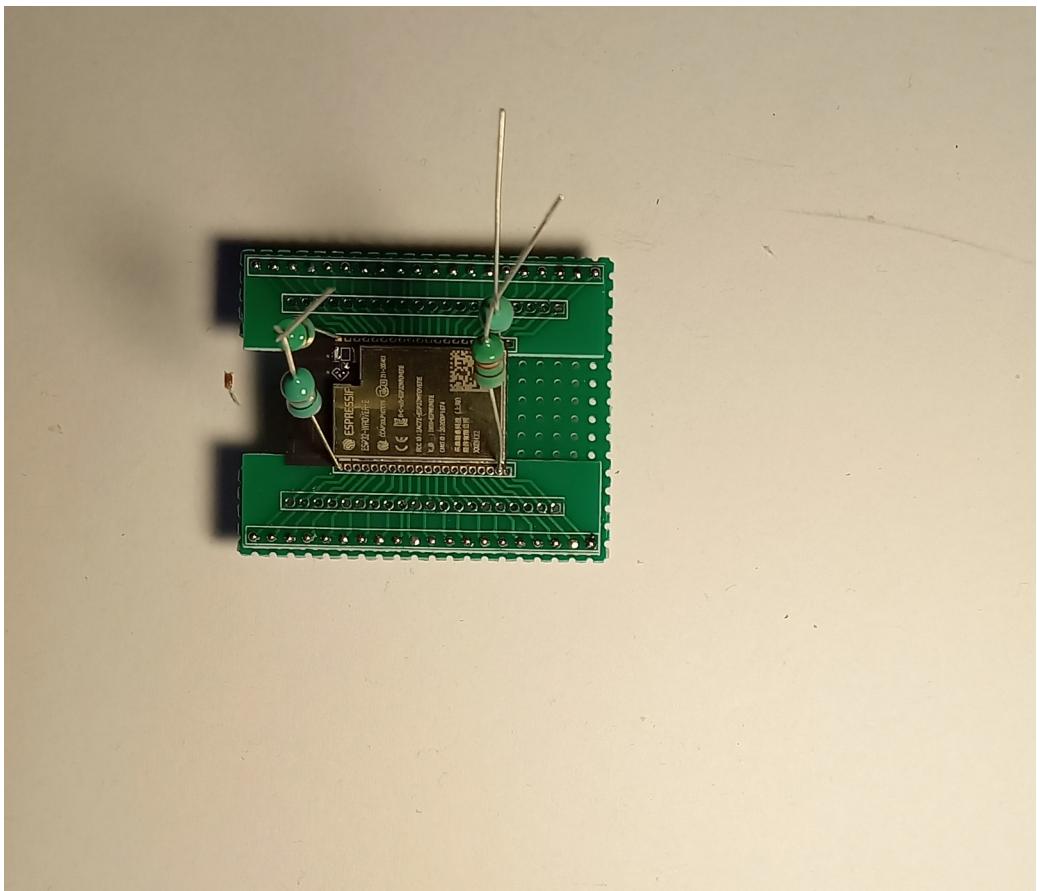
<https://github.com/thieu-b55/DIY-ESP32-WROVER-devkit>

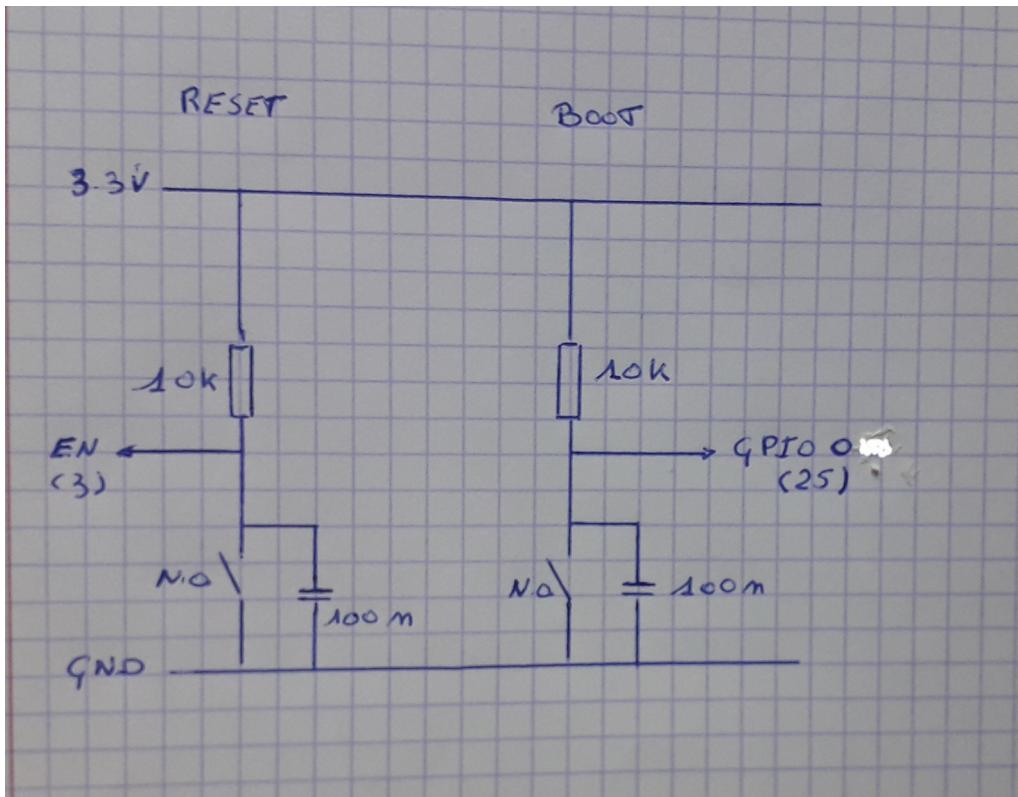
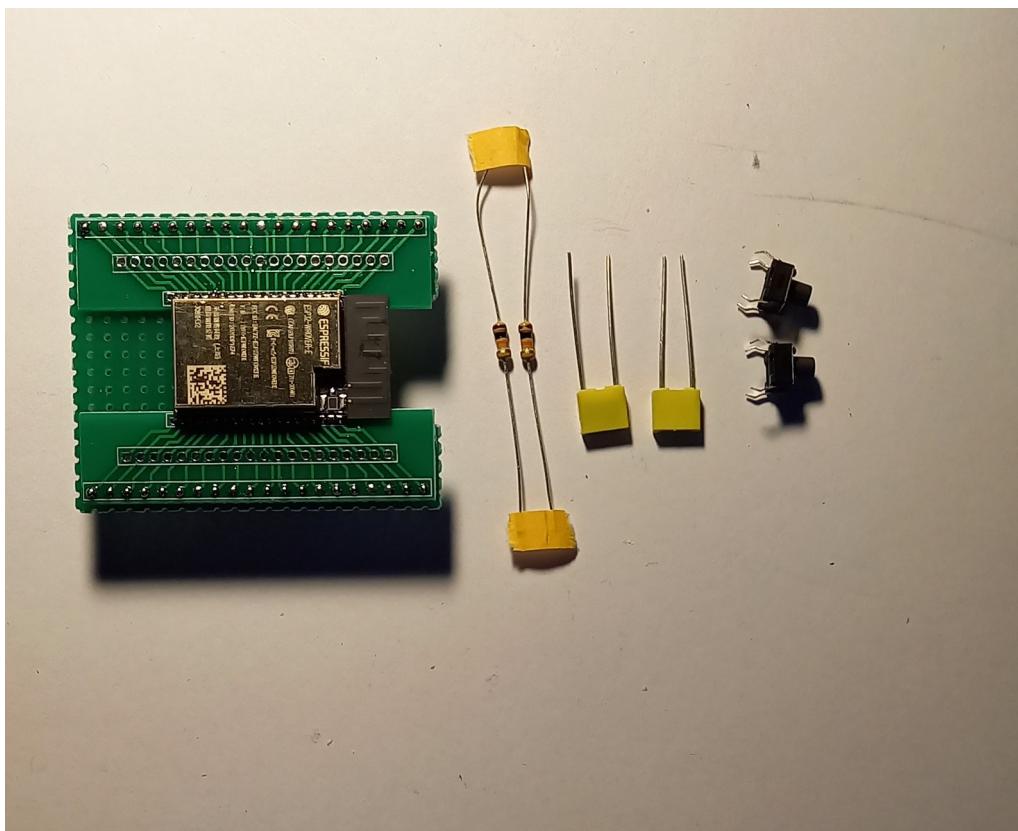


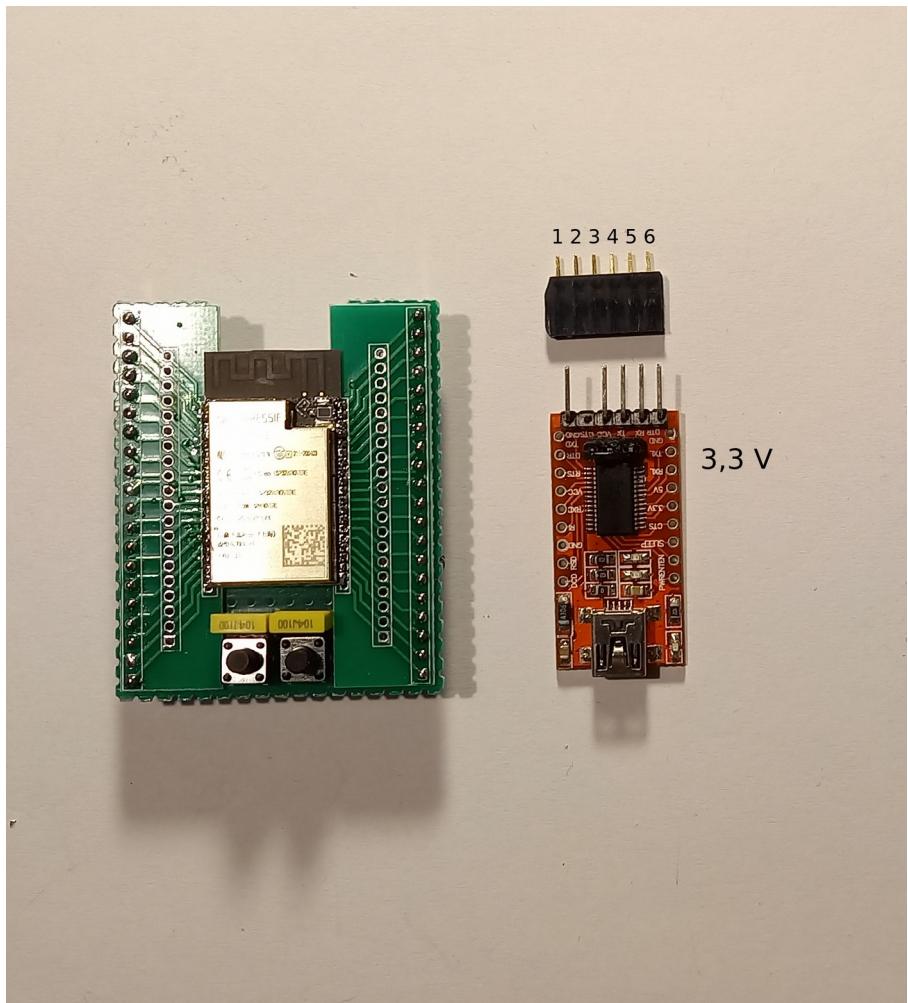
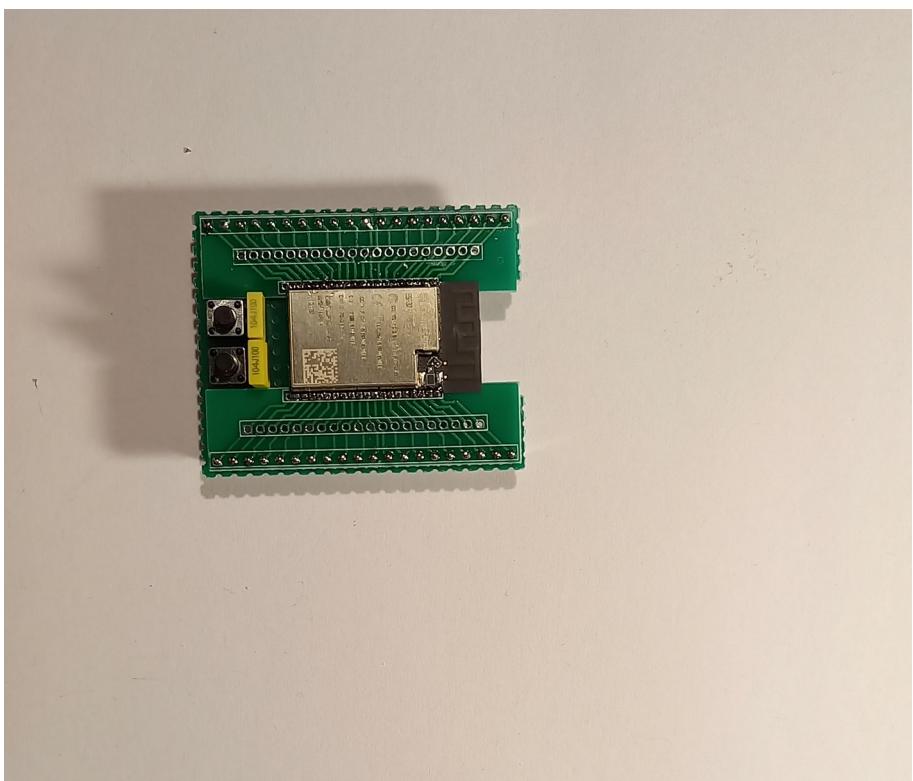






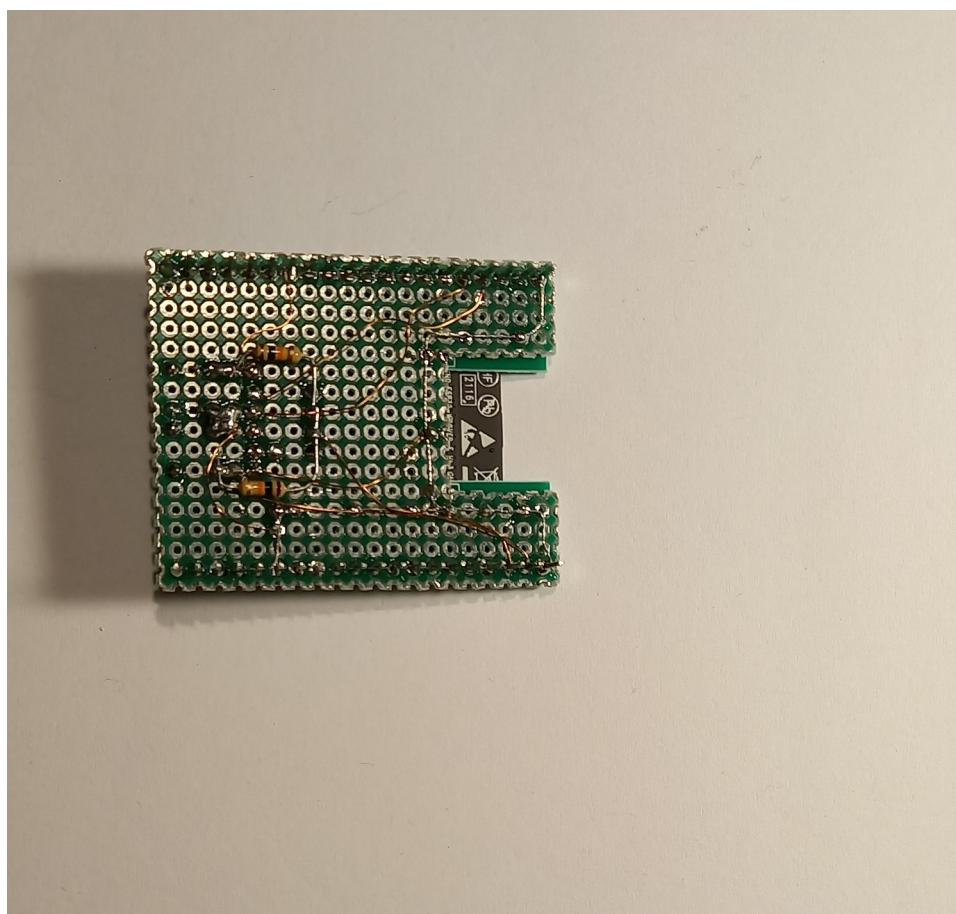
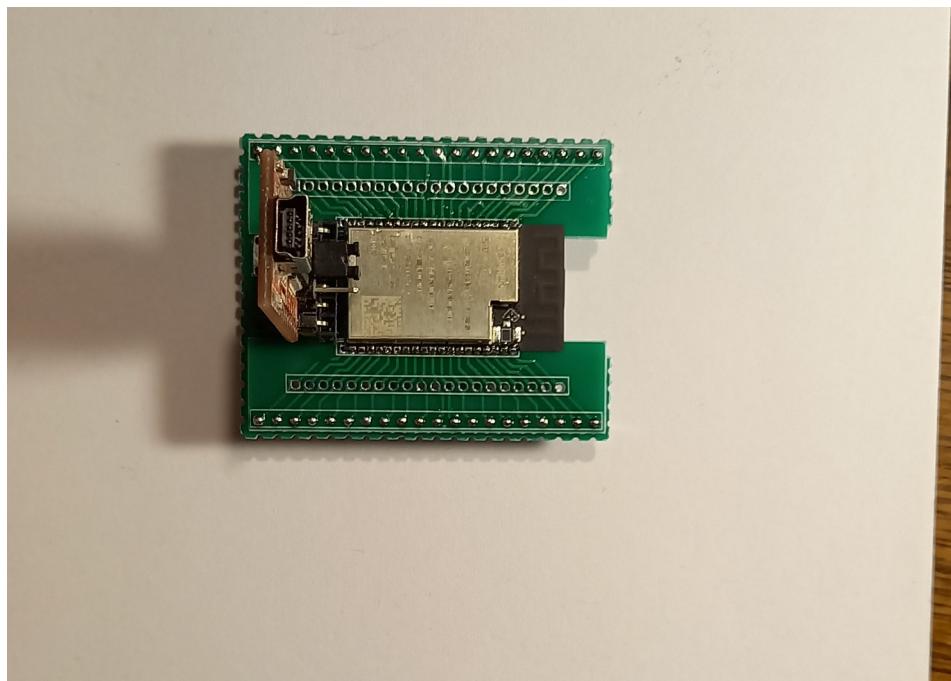


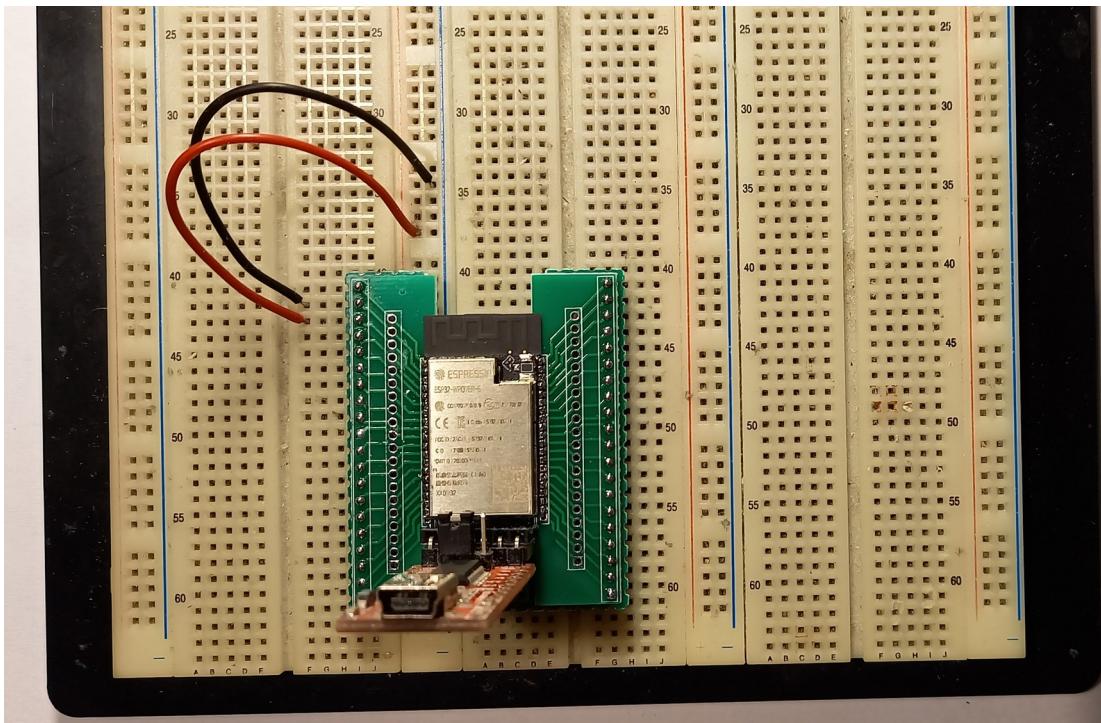




1 >> GND

3	>>	3.3V(optional)
4 TX	>>	RX ESP32 GPIO3
5 RX	>>	TX ESP32 GPIO1





**ESP32-WROVER
adapter** >> **2 x 19 connections**
 >> **20 pin**

3 Pin Definitions

3.1 Pin Layout

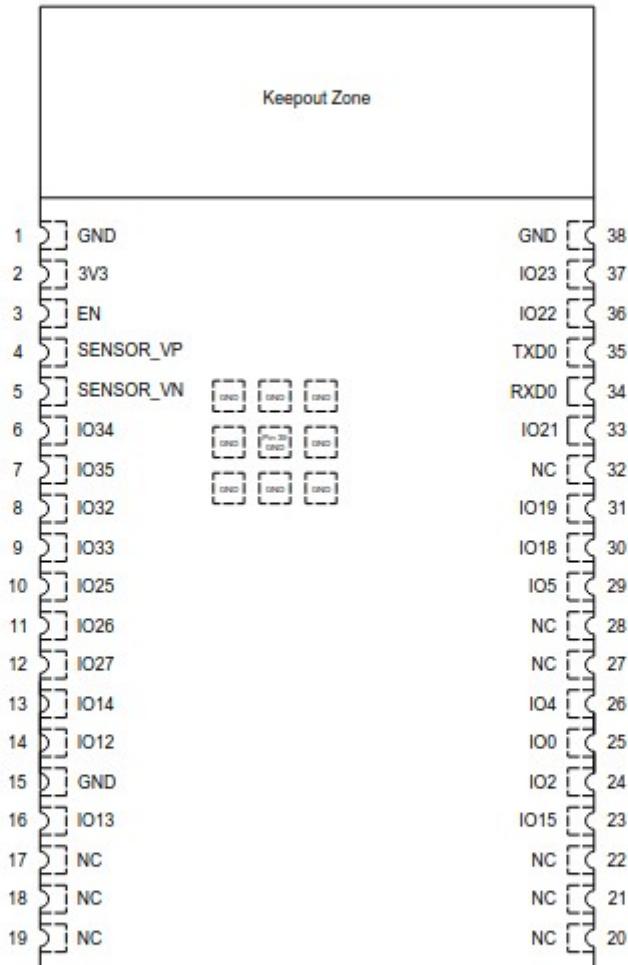


Figure 5: Pin Layout (Top View)

3.2 Pin Description

The module has 38 pins. See pin definitions in Table 4.

