

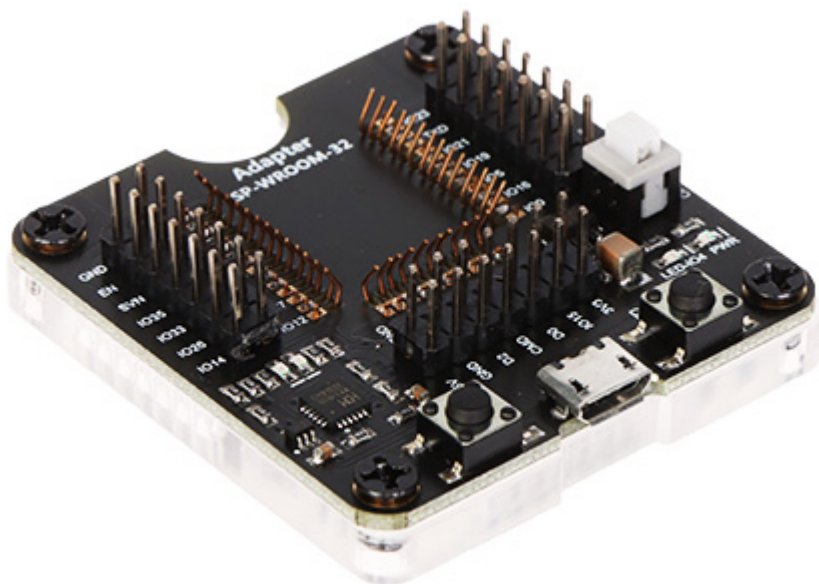
# PROGRAMMER **ESP-P-WROOM32** FOR MODULES OF THE ESP32-WROOM-32 SERIES

Net: **16.29 EUR** Gross: **16.29 EUR**

The programmer enables, for example, saving your own program in the memory of the connected controller, or communication between the computer and the module via the USB port.

The interface is equipped with a dedicated place for the board, surrounded by spring pins. This solution ensures proper connection of the module pins with the goldpin connectors, at the same time allowing for secure, temporary assembly of the programmed module. An additional facilitation in programming and testing the module are the function buttons, thanks to which there is no need to manually short-circuit the appropriate pins of the module.

The programmer is powered from the USB port and does not require an external power supply.

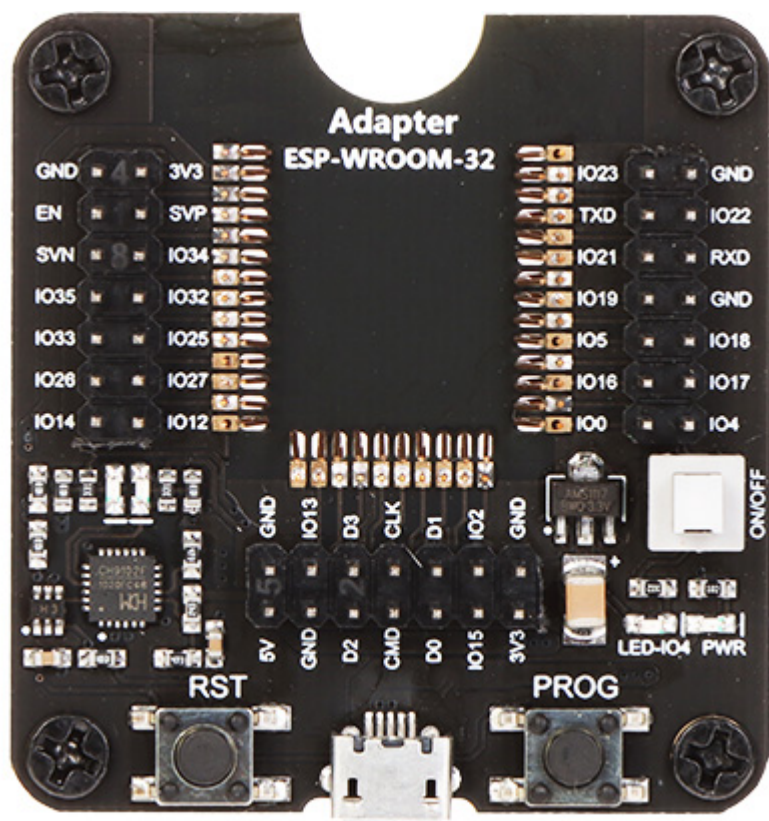


## SPECIFICATION

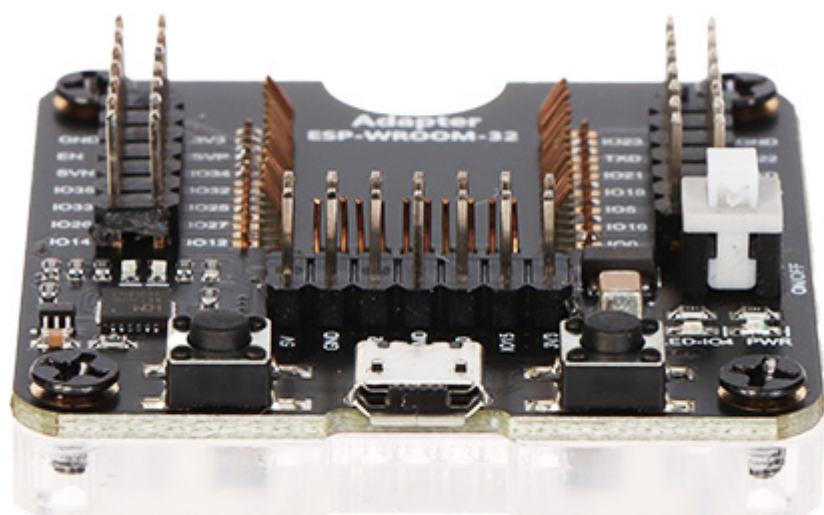
|                      |                                                                                                                                                                                                        |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Compatibility:       | ESP32-WROOM-32                                                                                                                                                                                         |
| Connectors type:     | <ul style="list-style-type: none"> <li>• 1 x micro USB socket,</li> <li>• Place of temporary installation of the board with spring pins</li> <li>• 42 x goldpin plug - Leading out the pins</li> </ul> |
| Output signal level: | 3.3 V                                                                                                                                                                                                  |
| Power output:        | 3.3 V, 5 V                                                                                                                                                                                             |
| Main features:       | <ul style="list-style-type: none"> <li>• ON/OFF button,</li> <li>• RESET button,</li> <li>• PROGRAM button</li> </ul>                                                                                  |
| Power supply:        | 5 V - from USB port                                                                                                                                                                                    |
| Weight:              | 0.02 kg                                                                                                                                                                                                |
| Dimensions:          | 50 x 47 x 15 mm                                                                                                                                                                                        |
| Guarantee:           | 2 years                                                                                                                                                                                                |

## PRESENTATION

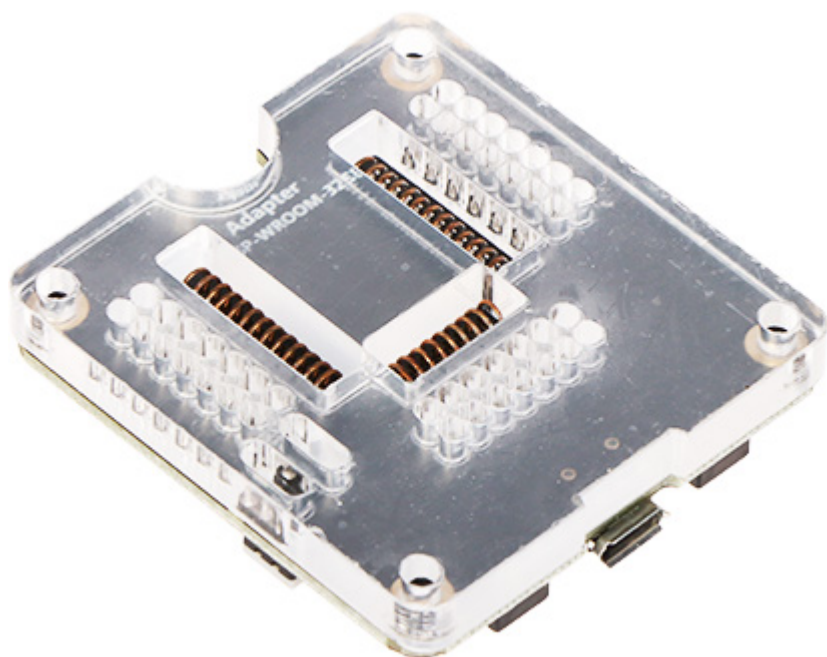
Top view:



USB connector:



Bottom view:



## PACKAGE

|                                  |                    |
|----------------------------------|--------------------|
| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
|----------------------------------|--------------------|