

Warning!

Please read the user manual included in this work as it contains important information related with safety of installation and use of the device.

Only persons who read the user manual may use the device.

The user manual must be kept because it may be required in the future. The device is to be used exclusively for purposes specified in this user manual.

The device must be unpacked prior to starting-up. After removing the packaging make sure the device is in working order. If the product has defects, it should not be used until it is repaired.

The product is intended for use at home and commercial use and may not be used for other than intended use.

The manufacturer is not liable for damages resulting from not adhering to the rules contained in the user manual, therefore, we recommend to follow the aforementioned safety rules for operation and maintenance of the device. In this way you will ensure yourself safety and avoid causing damage to the device.

The manufacturer and the supplier are not liable for losses or damages arising out of the product, including financial or intangible losses, loss of profits, income, data, pleasure from use of the product or other products related with it - indirect, incidental or consequential loss or damage. The above provisions apply whether the loss or damage concerns:

1. Deterioration of quality or the lack of operation of the products or products related with it due to damage as well as the lack of access to the product when it is undergoing repair, which results in stoppage the loss of user's time or a break in business activity;
2. Improper results of operation of the product or products related with it;
3. It applies to losses and damages according to any legal category, including negligence and other losses, termination of a contract, expressed or implied guarantee and strict liability (even if the manufacturer or the supplier was notified about the possibility of occurrence of such damages).

Safety measures:

Particular attention at designing was directed to quality standards of the device where ensuring safety of operation is the most important factor.

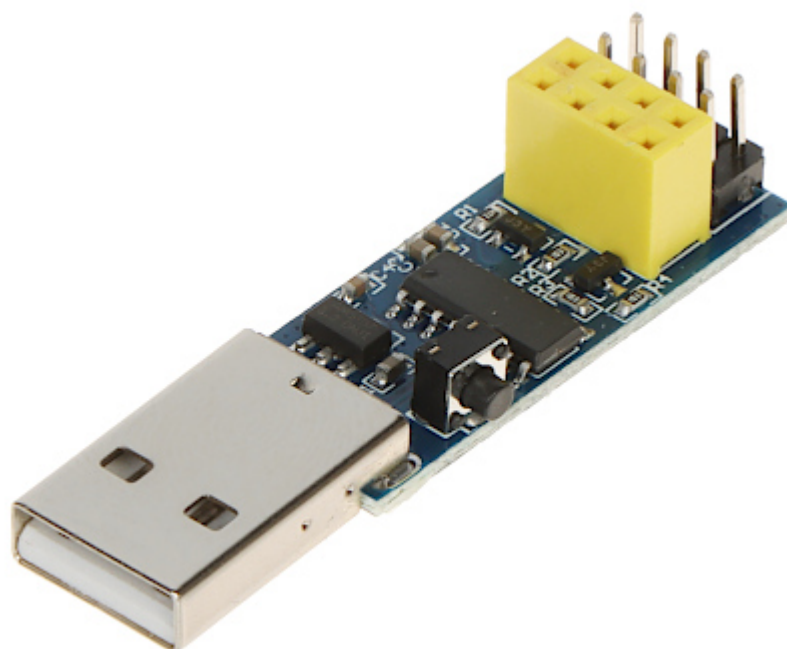
The device must be secured against contact with caustic, staining and viscous fluids.

The CH340C interface (also known as the programmer) is a device that mediates data exchange between the computer (USB port) and modules based on the ESP8266 chip (using asynchronous UART 3.3V communication). 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 device was made based on the popular CH340 converter.

The presented model of the UART interface is equipped with a dedicated goldpin socket for connecting the ESP-01S module. In addition to a dedicated socket, the device has goldpin type leads for all pins, so they can be easily used to communicate with other modules built on the basis of the Espressivo chip.

The device is fully compatible with commonly used programming environments: Arduino IDE, ESP8266Flasher and Espressif FLASH_DOWNLOAD_TOOLS. Depending on the operating system used, installation of appropriate drivers may be required for the proper operation of the interface.

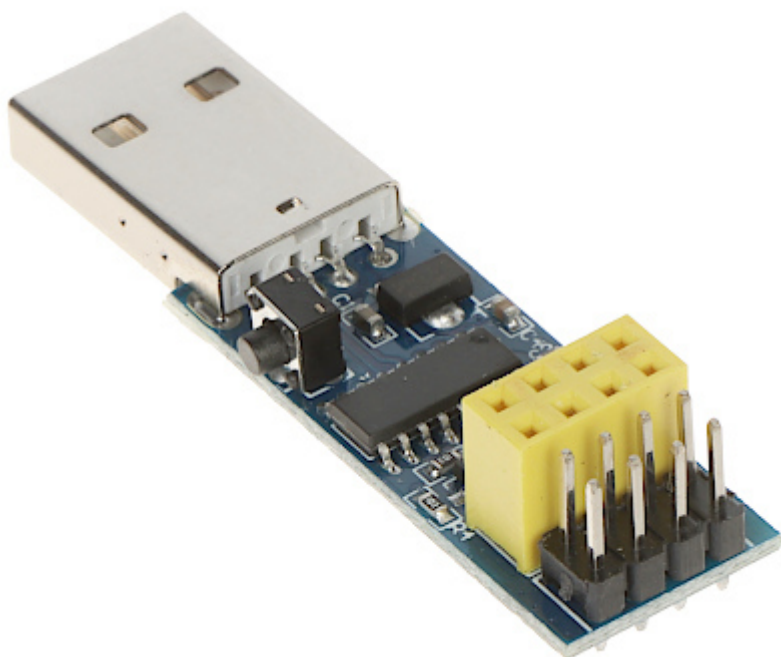
The programmer is powered from the USB port and does not require an external power supply.



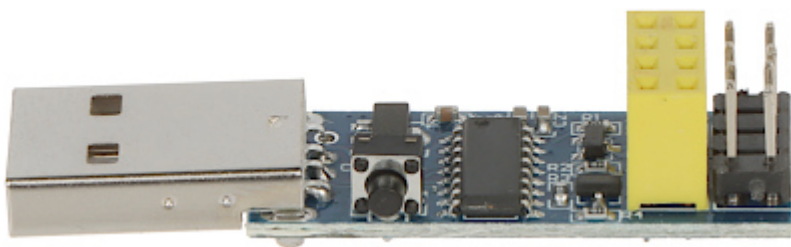
Compatibility:

ESP01, ESP01S, ESP8266, ESP32 and others

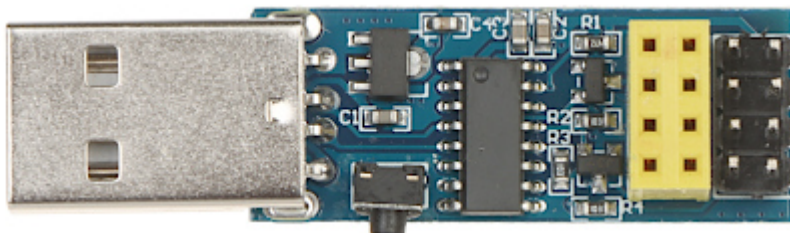
| | |
|-----------------------|--|
| Connectors type: | <ul style="list-style-type: none"> • 1 x USB-A plug, • 1 x 8x goldpin socket (dedicated to ESP01 / ESP01S), • 8 x goldpin plug - Leading out the pins |
| USB <> TTL Converter: | CH340 |
| Output signal level: | 3.3 V |
| Power output: | 3.3 V |
| Main features: | RESET button |
| Power supply: | 5 V - from USB port |
| Weight: | 0.004 kg |
| Dimensions: | 50 x 14 x 12 mm |
| Guarantee: | 2 years |



RESET button:



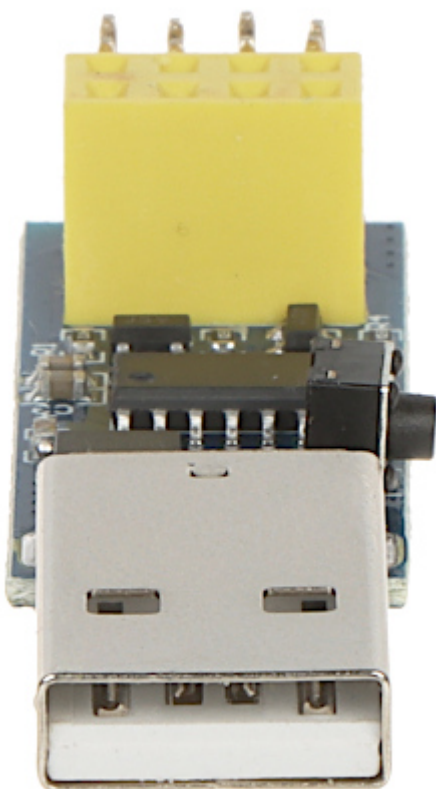
Top view:



Bottom view:



USB connector:



PACKAGE



User Manual

Code: CH340C
USB - UART 3.3V INTERFACE **CH340C**

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