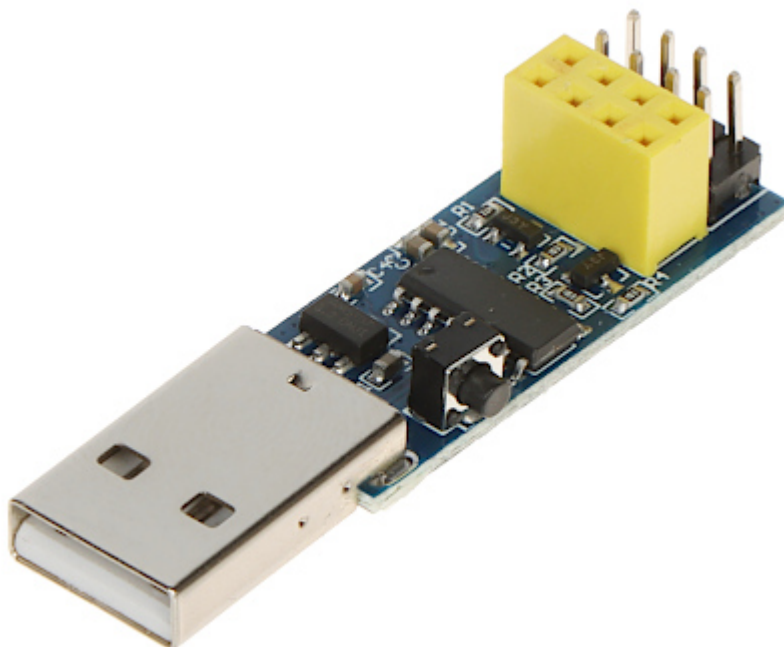# DATA SHEET

Code: CH340C

USB - UART 3.3V INTERFACE **CH340C**

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:	• 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