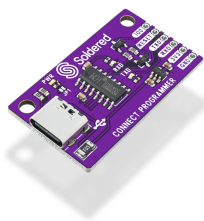


PRODUCT DATASHEET



ESP32 Automatic (CONNECT) Programmer

333073

The ESP32 Automatic CONNECT Programmer simplifies programming for ESP8266 and ESP32 boards with easy USB connectivity.

Full product documentation, files and tutorials: solde.red/333073

CORE ATTRIBUTES

SKU 333073

WEIGHT 7 g

BARCODE 732388670307

DESCRIPTION

CONNECT programmer is designed to allow extremely simple programming of boards based on ESP8266 and ESP32 microcontrollers. It contains all the necessary electronics and logic so that programming can be done by plugging USB cable into CONNECT programmer and connecting CONNECT programmer to the programming header. Electronics that take care of timing and signal sequence are also on board, so it puts the ESP uC into bootloader mode. ESP programming header can be found boards made by Soldered based on ESP8266 or ESP32 microcontrollers that do not have a USB-UART converter, but this programmer can be used for any other ESP32 / ESP8266 board as well.

TECHNICAL DETAILS

- **IC:** CH340
- **Pin layout:** GPIO0, RESET, RX, TX, 3V3, GND
- **LEDs:** RX, TX, power
- **USB:** USB-C
- **Dimensions:** 38 × 22 mm / 1.5 × 0.9 inch

SPECIFICATIONS

INTERFACE	Usb, Uart
QWIIC COMPATIBLE	No
BREADBOARD COMPATIBLE	Yes
IC PART NUMBER	CH340C
LOGIC LEVEL	3V3 Only

PROTECTION FEATURES	Overcurrent
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LINKS

Open Source Hardware Files	https://github.com/SolderedElectronics/CONNECT-programmer-hardware-design
Full Documentation	https://docs.soldered.com/connect-programmer/overview/
Hardware Details	https://docs.soldered.com/connect-programmer/hardware/
Pinout	https://cms.soldered.com/products/333073/media/333073_pinout-png_e7caeb.svg

GALLERY

