USB Serial Console & Programming Module
wESP32-Prog-C
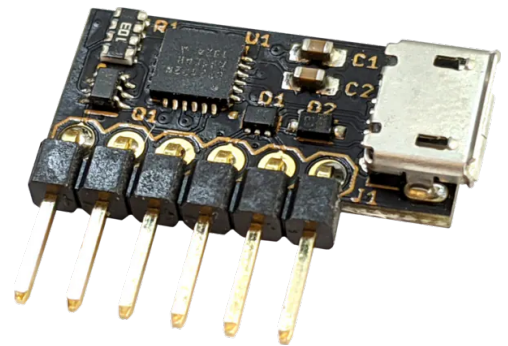
Description

Silicognition wESP32-Prog-C USB Serial and Programming Module is designed to program the ESP32 on the wESP32. This tiny module with micro USB is based on the Silicon Labs CP2102N bridge controller for cross-platform compatibility. The wESP32-Prog-C programming module contains ESP32 auto-programming transistor circuitry on board to avoid duplication on every target board. This module features ESD protection on USB and UART signals. The wESP32-Prog-C module with its Type-C connector and 12V PD compatibility, is ideal for permanent installation or temporary programming. The wESP32-Prog-C module, by default, requests 5V from the USB PD to be completely compatible with the wESP32-Prog module.
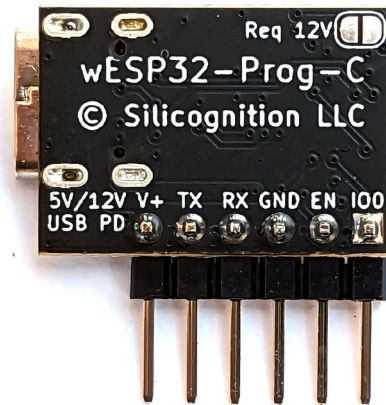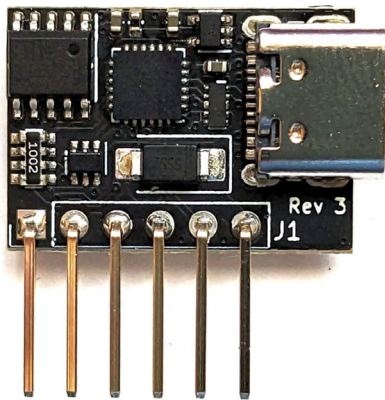

Features

- Based on Silicon Labs CP2102N for cross-platform compatibility
- Designed for wESP32 programming and serial console
- Contains ESP32 auto-programming transistor circuitry on-board
- Supports USB-PD
- Ideal for permanent installation or temporary programming
- ESD protection on USB and UART signals
- 5V or 12V (with suitable USB PD power supply) through Schottky to power a circuit (diode-OR with other power sources and regulate to 3.3V on your board)
- Tiny and flexible

Board Overview

Mouser Part Number

[View Part](#)

To learn more, visit https://www.mouser.com/new/silicognition/silicognition-wesp32-prog-c-module/