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What is ESP-PROG

ESP-PROG is USB to Serial converter which can be used as USB-UART bridge or programmer of ESP boards.

ESP-PROG has 0.1” header on top with these signals:
5V, EN, 3.3V, GND, TX, DCM, RX

Same signals without 5V are available on 6 pin 0.05” step connector on the right side of the PCB (when look at top).

When you want to program ESP32 or ESP8266 board you have to connect:

- ESP-PROG.RXD to ESP32.U0TXD
- ESP-PROG.TXD to ESP32.U0RXD
- ESP-PROG.GND to ESP32.GND
- ESP-PROG.3.3V to ESP32.3.3V
- ESP-PROG.EN to ESP32.EN
- ESP-PROG.DCOM to ESP32.GPIO0 and ESP32.GPIO2
ESP-PROG schematic
Ordering options:

**ESP-PROG** - just the assembled and tested board

**ESP-PROG-C** – assembled and tested board with 7 Female-Female 200mm cables and ICSP 6 pin cable
Revision History
Revision 1.0 May 2020