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ESP8266-EVB-BAT-BOX



ESP8266-EVB IS EVALUATION BOARD FOR ESP8266 WITH RELAY, BUTTON, UEXT, ALL GPIOs AVAILABLE ON BOXED CONNECTOR WITH HAMMOND BOX

ESP8266-EVB-BAT is an evaluation board for the highly-integrated WIFI SoC ESP8266EX. The board comes with a custom-cut box HAMMOND box. The board can be powered by Li-Po battery and comes with a battery charger. It is recommended for beginners with ESP8266.

ESP8266EX is very highly integrated SoC which includes Tensilica's L106 32-bit core processor; SRAM; power management unit; RF front end. ESP8266EX has a number of interfaces - I2C, SPI, SDIO and also a number of free GPIO pins. The chip allows the implementation of a WIFI TCP-IP stack with just few extra components beside the ESP8266EX. It's a very popular IC that attracted a lot of attention upon its launch.

A board suitable for research and development of espressif's ESP8266EX chip. The module be used for home automation, smart plugs and lights, mesh networks, industrial wireless control, baby monitors, IP cameras, sensor networks, wearable wlectronics, etc.

FEATURES

Board features:

- › **Includes ESP8266-EVB-BAT**
- › Protective HAMMOND box 1593KBK
- › All connectors accessible when the box is closed
- › Box dimensions: (2.60 x 2.65)" ~ (66 x 67)mm

ESP8266-EVB-BAT features:

- › Relay 220VAC/10A with two-part Wago connector and status LED
- › Big button for easier access to UART mode