Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

ESP32-GATEWAY

ESP32-GATEWAY DEVELOPMENT BOARD WITH WIFI BLE ETHERNET, MICRO SD CARD UEXT AND GPIO

This is the ultimate IoT board with wired 100Mb Ethernet Interface, Bluetooth LE, and WiFi.

FEATURES

- ESP32-WROOM32 module
- MicroUSB connector
- CH340 USB serial converter
- Built-in programmer for Arduino and ESP-IDF
- WiFi, BLE connectivity
- Ethernet 100Mb interface
- MicroSD card
- GPIO 20 pin connector with all ESP32 ports
- Dimensions: (50 x 62)mm ~ (1.95 x 2.45)"

DOCUMENTS

- GitHub repository for the project
- ESP32-GATEWAY schematic in PDF format

HARDWARE

- GitHub repository for the hardware design

SOFTWARE

- ESP-IDF software demos for ESP32-EVB at GitHub
- Works with Arduino for ESP32

USB drivers:

- USB driver for Windows
- USB driver for Linux (for old kernels; pre-3.14.x)
- USB driver for Mac
- USB driver for Android

Evaluation Board/Kit Important Notice

OLIMEX Ltd provides the enclosed product(s) under the following conditions:

This evaluation board/kit/module is intended for use for **ENGINEERING DEVELOPMENT**, **DEMONSTRATION OR EVALUATION PURPOSES ONLY** and is not considered by OLIMEX Ltd to be finished end-product fit for general consumer use. Persons handling the product must have electronics training and observe good engineering practice standards. As such the goods being provided are not intended to be complete in terms of required design-, marketing-, and/or manufacturing related protective considerations, including product safety and environmental measures typically found in the products that incorporate such semiconductor components or circuit boards. This evaluation board/kit/module does not fall within the scope of the European Union directives regarding electromagnetic compatibility, FCC, CE or UL and therefore may not meet the technical requirements of these directives or other related documents.

The user assumes all responsibility and liability for proper and safe handling of the goods. Further the user indemnifies OLIMEX from all claims arising from the handling or use of the goods. Due to the open construction of the product, it's the user responsibility to take any and all appropriate precautions with regard to electrostatic discharge, conducted and radiated emissions.

EXCEPT TO THE EXTENT OF THE INDEMNITY SET FORTH ABOVE NEITHER PARTY SHALL BE LIABLE TO THE OTHER FOR ANY INDIRECT SPECIAL INCIDENTAL OR CONSEQUENTIAL DAMAGES.

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