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ESP-32 Dev Board (Arduino & MicroPython Compatible) 30 PIN

- Description

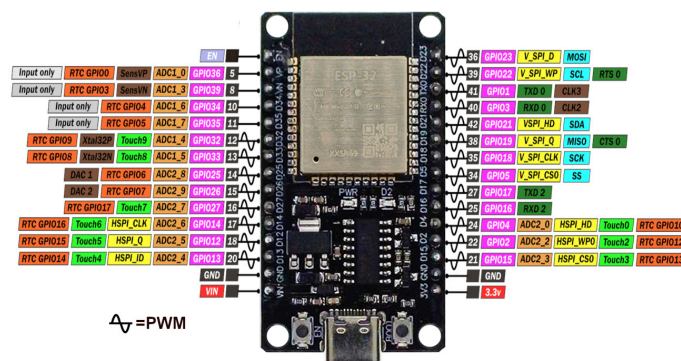**ESP-32 Dev Board (Arduino & MicroPython Compatible) 30Pins**

This is the ESP32-DEV development board based on ESP-WROOM-32, features WiFi + Bluetooth connectivity, onboard USB CP2102 and keys. What's more, all the I/O pins of

ESP-WROOM-32 module are accessible via the extension headers. The board has 2x19pin extension headers, which breakout all the I/O pins of the module and 2x keys, used as reset or user-defined.

Quick Spec

- ESP-WROOM-32 32-bit 240 MHz microprocessor
- Supply Voltage: 5V
- Pins: 30 Pins
- 2.4 GHz Wi-Fi
- Bluetooth 4.2
- 4 MByte (32Mbit) SPI Flash
- 448 KB ROM
- 520 KB SRAM
- 16 KB SRAM in RTC
- PCB Antenna
- Powered via USB Type-C Connector, or via pin header
- Reset and User/Firmware buttons
- User and Power LED
- USB Type-C connector
- Virtual USB port provided by CH340 for debugging and firmware upgrade
- Assembled with ESP-WROOM-32 module
- Dimensions: 51.5 x 28.5mm

Pin-Out

Getting Started with ESP-32

TUTORIAL: Quickly getting started with ESP32 / ESP32S in ...

Installing ESP-32 in the Arduino IDE

Install the ESP32 Board in Arduino IDE in less than 1 minut…

▶

Resources

- Installing ESP-32 in Arduino IDE
- ESP-32 Arduino Sample Code
- ESP32 WROOM 32 Datasheet
- ESP-32 Which IO Pins Should you use?
- Blinking an LED with ESP-32 - 3 Steps
- Installing MicroPython
- Additional Information
- ESP32-DEV Dimensions and Pin Spacing

Shipping List

- 1 x ESP-32 Dev Board (Arduino & MicroPython Compatible)

♥ ⇄

ESP-32 Dev Board (Arduino & MicroPython Compatible) 30 PIN

- Brand: Generic
- Product Code: ESP32-DEV
- Weight: 0.012kg
- Product Status : Active

Stock

Warehouse	Stock Status	Location
Centurion	◯ In Stock	FD179+FD180
Stellenbosch	◯ No Stock	

We ship free of charge between branches to complete your order.

- **R102.00** **(Inc Tax: R117.30)**

Qty 1

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Related Products

ESP32 Dev Board CH340 38PIN

Centurion ⭘   (In Stock)
Stellenbosch ⭘   (In Stock)
Part No: ESP32-DEV-CH340-38PIN

Product Status : Active

R122.00
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UNIHIKER - IoT Python Dev Board with Display

Centurion ⭘   (No Stock)
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Part No: DFR0706-EN

Product Status : Active

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Wave ESP32 One Mini Dev Board

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Part No: HF-15P-254-BLU

Product Status : Active

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ESP32 Breakout Board - 30 Pin with DC Input

Centurion ⭘   (In Stock)
Stellenbosch ⭘   (In Stock)
Part No: ESP32-30P-DC

Product Status : Active

R38.00
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Part No: ESP32-30P

Product Status : Active

R29.00
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SEGGER J-Link Mini Programmer & Debugger

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Part No: PGM-24078

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Tags: esp-32-dev, esp, esp32, esp 32, arduino micropython, python, wroom, esp-wroom-32, esp32dev, 30-pin, 30 pin, cp2102

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SIP 40 Way Header Kit - Blue

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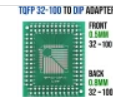(Inc Tax: R13.80)

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