

Power base for NodeMCU ESP8266 with DC input

Product codes:

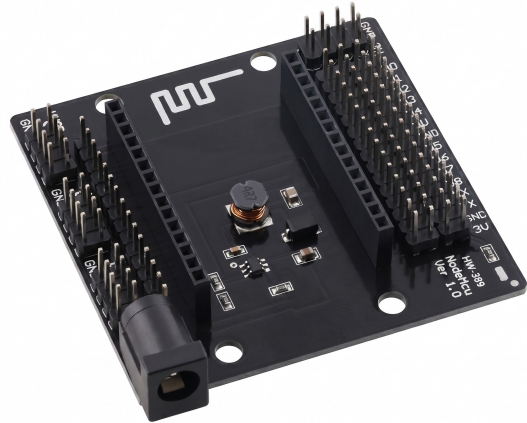
Reference: AM3562

EAN13: -

UPC: 85412900

Product features:

Power supply: 6-24 V DC



Product attributes:

Product description:

The power base for NodeMCU ESP8266 development boards serves as a backplane for mounting the module and bringing its pins out to accessible connector rows. The design with a DC power input facilitates powering and testing in laboratory, development and prototype applications. The board is designed to work with NodeMCU modules in a format corresponding to the layout of the sockets used on the base.

Technical specifications

- Product type: module base/backplane for NodeMCU ESP8266
- Power supply: DC power connector
- Supported power supply according to product documentation: 6-24 V DC
- Interface for mounting the module: a pair of sockets for inserting the NodeMCU development board
- Signals output on pin strips: GND, 3V, D0, D1, D2, D3, D4, D5, D6, D7, D8, RX, TX
- Additional power outlets on the side: USB, 5V, 4V, GND
- Marking on the board: NodeMcu Base Ver 2.0
- Board dimensions: 60 × 59.8 mm
- Height: 16mm
- Mounting holes: 4 pcs

Functions and features

- It allows mechanical mounting of the NodeMCU module into sockets without directly soldering the module to the motherboard.
- It outputs the module's power and data pins to multi-pin headers for easy connection of peripherals and measurement equipment.
- Includes a DC power input for external power supply to the base.
- The board has an indicator LED that signals power.
- The design with mounting holes allows for a firm attachment to the device or to a work surface.
- The pin description is printed directly on the PCB for easier orientation when wiring.

Ideal for

- development and testing of projects with NodeMCU ESP8266
- prototyping IoT devices
- laboratory and teaching use
- connecting sensors, communication modules and other peripherals to the NodeMCU development board

Package contents

- 1x NodeMCU Base with DC input

Why choose this product?

- It provides a clear pin layout of the NodeMCU development board into accessible connector rows.
- It allows power supply from an external DC source without the need for separate power connections outside the base.
- Mechanically attaching the module to the sockets simplifies board replacement during development and testing.
- The compact design is suitable for workbenches, development fixtures and integration into prototypes.

Installation and operating instructions

- Only install the NodeMCU module when the power is disconnected.
- Before connecting an external power source, verify the polarity and input voltage range specified for this base.
- When inserting the module, ensure the correct orientation of the pins relative to the sockets and the description on the board.
- Connect the connected peripherals according to the markings of the individual pins on the PCB.

Safety notice

- Incorrect power connection can cause damage to the base, the installed module and connected devices.
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- Do not short-circuit the power pins or data pins.
- Operate the board in a non-conductive and dry environment.
- When developing and integrating into a device, it is necessary to observe the correct electrical connection and load of individual pins according to the NodeMCU module used.
- The product is intended for electronic development and prototyping; installation into the final device should be performed by a person with electronics knowledge.

Product gallery:

