

Optocoupler relay modules typically cost between \$5 and \$30 per module, depending on the number of relays, voltage rating, and features. Price Range and Factors Single or small relay modules (1–2 relays, 3.3V/5V logic compatible) generally cost around \$5–\$10 per module on platforms like Amazon. Multi-relay modules (e.g., 5V x 8 relays with opto-isolation) are priced around \$15–\$30, depending on the supplier and specifications. Industrial-grade modules from suppliers like WAGO or Mouser may cost more, often \$20–\$50 or higher, due to higher reliability, DIN-rail mounting, and safety certifications. Key Considerations Number of relays: More relays per module increase the cost. Voltage and current ratings: Modules rated for higher AC or DC loads are more expensive. Opto-isolation: Modules with built-in opto-isolators for electrical isolation typically cost slightly more but provide safer interfacing with microcontrollers. Supplier and shipping: Prices vary between distributors like Mouser, DigiKey, Amazon, and ProtoSupplies, and bulk orders may reduce per-unit cost. Example Modules Amazon: 10-pack of 6N138 or 4N35 optocouplers for DIY electronics projects, costing around \$5–\$10 per pack. ProtoSupplies: 5V x 8 relay module with opto-isolation, suitable for Arduino or microcontroller projects, priced around \$20–\$25. Mouser/DigiKey: Industrial optocoupler relay modules with datasheets and higher reliability, prices vary widely depending on specifications. In summary, for hobbyist or small-scale projects, expect to pay \$5–\$25 per module, while industrial-grade modules can cost \$20–\$50 or more depending on features and certifications.

Article Content

ESP32 RS485 Modbus Wifi 2-Way Relay Module Optocoupler

ESP32 RS485 Modbus Wifi 2-Way Relay Module Optocoupler Isolation 2 in 2 Out Relay Module Tyep C and 7-24V Popis 1. ESP32, with Wi-Fi and 2. 2-channel input optocoupler isolation 3. Built-in CH340

Amazon : Relay Module

10pcs DC 5V Relay Module - 1 Channel Relay Switch Board with Optocoupler Isolation, High or Low Level Trigger 100+ bought in past month

8-channel relay module, relay with optocoupler insulation ...

This is an 8-channel relay interface board, which can be directly controlled by a variety of microcontrollers such as AVR, PIC, ARM, PLC etc. Each module path can be activated by setting a

Relays – QuartzComponents

Relays are important part of any electrical and electronic circuits. We use relays in control applications, switching applications, circuit protection applications and

Two Channel 2 Channel Relay Module Optocoupler Isolation 5v 10a

Get DIY and Hobby Electronics Two Channel 2 Channel Relay Module Optocoupler Isolation 5v 10a Control (EF_PC_ELEC0V2891POD00054) Control two devices at once with this Two Cha, Get it at

5 28v Esp32 Wifi 4 Channel 5v 10a Relay Module With Optocoupler ...

Fortune India - Offering 5-28V ESP32 WiFi 4 Channel 5V 10A Relay Module With Optocoupler Isolation Industrial Grade,Wi-Fi Microcontrollers in Bengaluru, Karnataka. Also get WiFi Module price list from

5V 30A Relay Module, 1 Channel, Optocoupler Isolation, High/Low

Features Optocoupler IsolationProvides electrical isolation between the control signal and the relay circuit, reducing interference and improving signal integrity. High/Low Trigger SelectionAllows

1 Channel 3.3V Relay Module with Low-Level Trigger,

This 3.3V 1 Channel Relay Module with optocoupler modules is compliant with international safety standards. It features isolation trenches for control and load

8-Pack 3V 1-Channel Relay Power Switch Module with Optocoupler

3V/3.3V power relay module: This relay board provides a single relay that can be controlled from any 3V/3.3V digital input from your microcontroller IO. On-board signal output indicator, cable connection

5V/12V/24V 8 Channel Optocoupler Relay Module Board with High

5V/12V/24V 8 Channel Optocoupler Relay Module Board with High/Low and Trigger Power Indicator Light (24V) : Amazon : Industrial & Scientific 10 Days Replacement This item is eligible for free

ESP32 Single Channel AC220V WiFi Relay Module APP Remote

Safe Optocoupler & Fuse Protection A high-quality EL817 optocoupler isolates the ESP32 from the relay and AC circuits. An onboard replaceable fuse adds short-circuit and overload protection for the

□New message□Relay_water Valve_Quality Manufacturer-Meishuo

Founded in February 2007, Meishuo Technology is a high-tech enterprise specialising in the research, development, production and sales of relay control components and its derivative actuator fluid

2 Channel Relay Module with Isolated Optocoupler

This relay module is designed for switching loads using a 12V DC control signal. It features two independent relay channels with optocoupler isolation for signal separation.

ESP32 RS485 Modbus Wifi 2-Way Relay Module Optocoupler

1. ESP32, with Wi-Fi and 2. 2-channel input optocoupler isolation 3. Built-in CH340 serial port chip, can be programmed with one click 4. 7~24VDC...

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ELEGOO 4 Channel DC 5V Relay Module with Optocoupler (#167)

ELEGOO 4 Channel DC 5V Relay Module with Optocoupler Compatible with Arduino UNO R3 MEGA 2560 DSP ARM PIC AVR STM32 .

ASHATA High Low Actuator Optocoupler Relay Module, 4 Channel

Module operating voltage is 5V,12V,24V for choice. Each path of the module can be triggered by the high level or low level through a setting. Fault-tolerant design,even if the control line breaks,the relay

5V Two 2 Channel Relay Module With optocoupler For PIC AVR DSP

5V Two 2 Channel Relay Module With optocoupler For PIC AVR DSP ARM Arduino TxHang Electronic (581962) 99.4% positive

Industrial isolated 8-Channel ESP32-S3 WiFi Relay Module RS485

ESP32-S3-ETH-8DI-8RO is an industrial-grade 8-channel WiFi network relay based on ESP32-S3 main controller and supports WiFi, Bluetooth, RS485, network port and other peripheral interfaces. It has

2-relay module 5V with optocoupler low-level trigger compatible with ...

Microcontroller compatible board with 2 relays for max. 50V AC / 5A or 30V DC / 5A. Equipped with transistors, diodes and optocouplers. Also equipped with generously dimensioned relays. In addition,

5V Two 2 Channel Relay Module With optocoupler For PIC AVR DSP

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