

How much does an optocoupler module cost

Article Overview

Optocoupler modules typically range from \$0.50 to \$5 per unit, depending on type, channel count, and vendor.

Price Overview

- o PC817 Optocoupler Modules: Single-channel PC817 modules are commonly priced around \$0.50 to \$1.50 per unit, while multi-channel versions (up to 20 channels) can cost \$5 or more, depending on the number of channels and supplier .
- o High-Speed Optocouplers (e.g., 6N138): Packs of 10 units are available on Amazon for approximately \$5 to \$10, making the per-unit cost around \$0.50 to \$1 .
- o Standard Optocouplers (e.g., 4N35): Single-channel 4N35 modules are priced similarly, typically \$0.50 to \$1 per unit, with bulk purchases reducing the cost further .

Vendor Examples

- o DigiKey and Mouser Electronics offer a wide range of optocouplers with prices varying by model, speed, and input/output configuration. Prices are often listed per unit and may include additional tariffs if shipping internationally .
- o Amazon provides both individual modules and multi-packs, which can be convenient for hobbyists or small-scale projects, with prices reflecting brand and quantity .

Factors Affecting Price

- o Channel Count: Multi-channel modules cost more than single-channel versions.
- o Speed and Type: High-speed or specialized optocouplers (e.g., photodiode Darlington output) are priced higher.
- o Quantity: Bulk purchases reduce the per-unit cost.
- o Vendor and Shipping: Prices vary slightly between distributors and may include tariffs or shipping fees. In summary, for a typical PC817 or 4N35 optocoupler module, expect to pay \$0.50-\$1.50 per unit, while multi-channel or high-speed modules can reach \$5 or more per unit, depending on specifications and supplier .

Learn how optocouplers ensure electrical isolation and signal transfer in circuits. This guide covers their components,

Übersicht über hochwertige Optokoppler bei reichelt elektronik günstig kaufen bei reichelt elektronik Viele Marken Schnelle Lieferung

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Our complete optocouplers guide covers what they are, how they work, the different types,

Optocouplers become an effective replacement for relays, and for transformers for interfacing digital circuits stages.

Application Note Understanding Phototransistor Optocouplers ANO007 by Eleazar Falco 01. INTRODUCTION An

Shop DigiKey's large in-stock selection of Optocouplers, Optoisolators. View inventory, pricing and order now for same day shipping!

Optocoupler module; Nominal input voltage: 24 VDC; Output voltage range: 3 30 VDC; Limiting

A while back, I came across a set of multichannel optocoupler modules at a discount sale, and what immediately

Optoisolators What Is an Optocoupler (Optoisolator), and How Does It Work? An optocoupler--also known as an optoisolator or

Mouser offers inventory, pricing, & datasheets for Optocouplers Semiconductors.

A tariff of 8% may be applied if shipping to the United States. A tariff of 38% may be applied if shipping to the United States. View All

Optocouplers/Isolators manufactured by Vishay, a global leader for semiconductors and passive electronic components.

Adding a simple phototransistor optocoupler between the sensor and MCU eliminated the

NOYITO 1-Channel PC817 Optocoupler Isolation Module Optoelectronic Isolator Signal Isolation and Anti-Interference 3-5V 12V 24V

Optocouplers An optocoupler IC, also known as an opto-isolator or photocoupler, is a semiconductor device which is used to couple

What is Optocoupler and How It Works As we have already learnt about transistors, an ideal transistor will not allow

Web: <https://www.morwarreconst.co.za>

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