

NOR Gate, 74HC02, 2 Input, 5.2 mA, 2 V to 6 V, SOIC-14

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	SOIC-14
Product Type	Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for 74HC02D or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

74HC02D is a specific type of integrated circuit (IC) that is part of the 74HC family of logic gates. This IC is a Quad 2-Input NOR Gate, meaning that it contains four individual NOR gates, each of which has two inputs and one output.

### Features

High speed operation, with a maximum propagation delay of 22 nanoseconds (ns)

Low power consumption, making it ideal for battery-powered applications

Wide operating voltage range, from 2 to 6 volts

TTL-compatible inputs, allowing it to interface easily with other TTL and CMOS devices

Small size and convenient package, with a SOIC-14 surface-mount package

### Application

Building complex logic functions using basic building blocks such as AND, OR, and NOT gates

Implementing simple arithmetic operations, such as addition and subtraction

Controlling and processing signals in electronic circuits, such as in digital filters and audio signal processing circuits

Providing logic functions in microcontroller-based systems



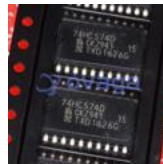


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### [74HC574D](#)

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