

AND Gate, 74HC08, 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 74HC08D or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

74HC08D is a type of digital integrated circuit (IC) that belongs to the family of quad 2-input AND gates. The "74" in its name refers to the series of standard logic ICs, while "HC" indicates that it uses high-speed CMOS technology.

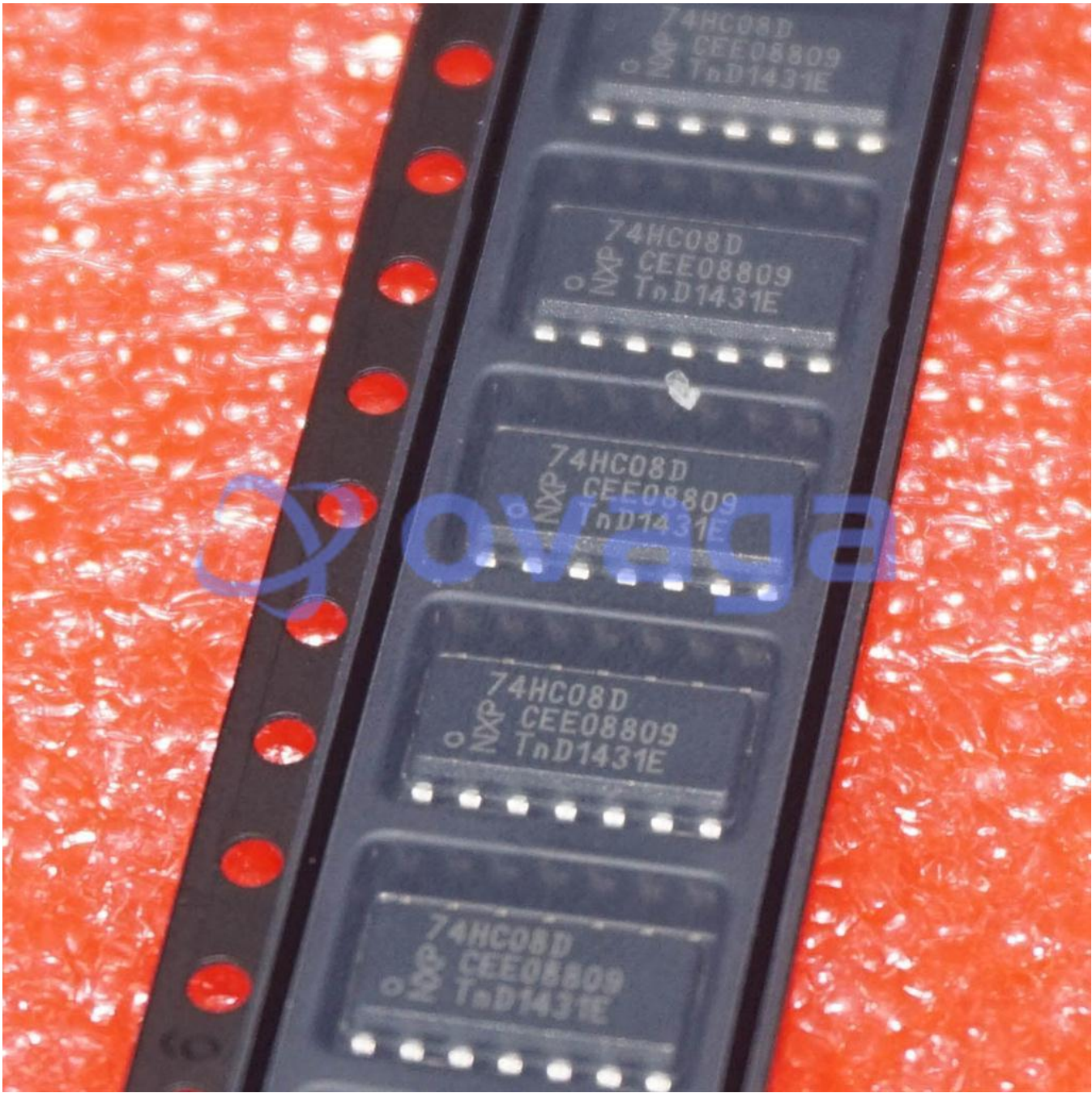
## Features

- It has four independent 2-input AND gates.
- It operates on a voltage range of 2V to 6V.
- It has a typical propagation delay of 14 ns.
- It has a low power consumption.
- It is available in various packages, including SOIC, TSSOP, and PDIP.

## Application

- Digital logic circuits
- Timing circuits
- Memory address decoding circuits
- Microprocessor-based systems
- Signal conditioning circuits



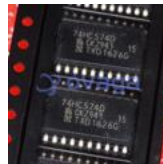


### Related Products



#### [74HC4050D](#)

NXP Semiconductor  
16-SOIC



#### [74HC574D](#)

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20-SOIC



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