

Inverter, 74HCT04, 1 Input, 4 mA, 4.5 V to 5.5 V, SOIC-14

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



Images are for reference only

Please submit RFQ for 74HCT04D or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

74HCT04D is a digital hex inverter IC (Integrated Circuit) that is widely used in electronic circuits. It belongs to the 74HCT series of ICs that are characterized by their high-speed operation, low power consumption, and compatibility with TTL (Transistor-Transistor Logic) input/output levels. The "D" suffix in the part number indicates that the IC is in a SOIC (Small Outline Integrated Circuit) package.

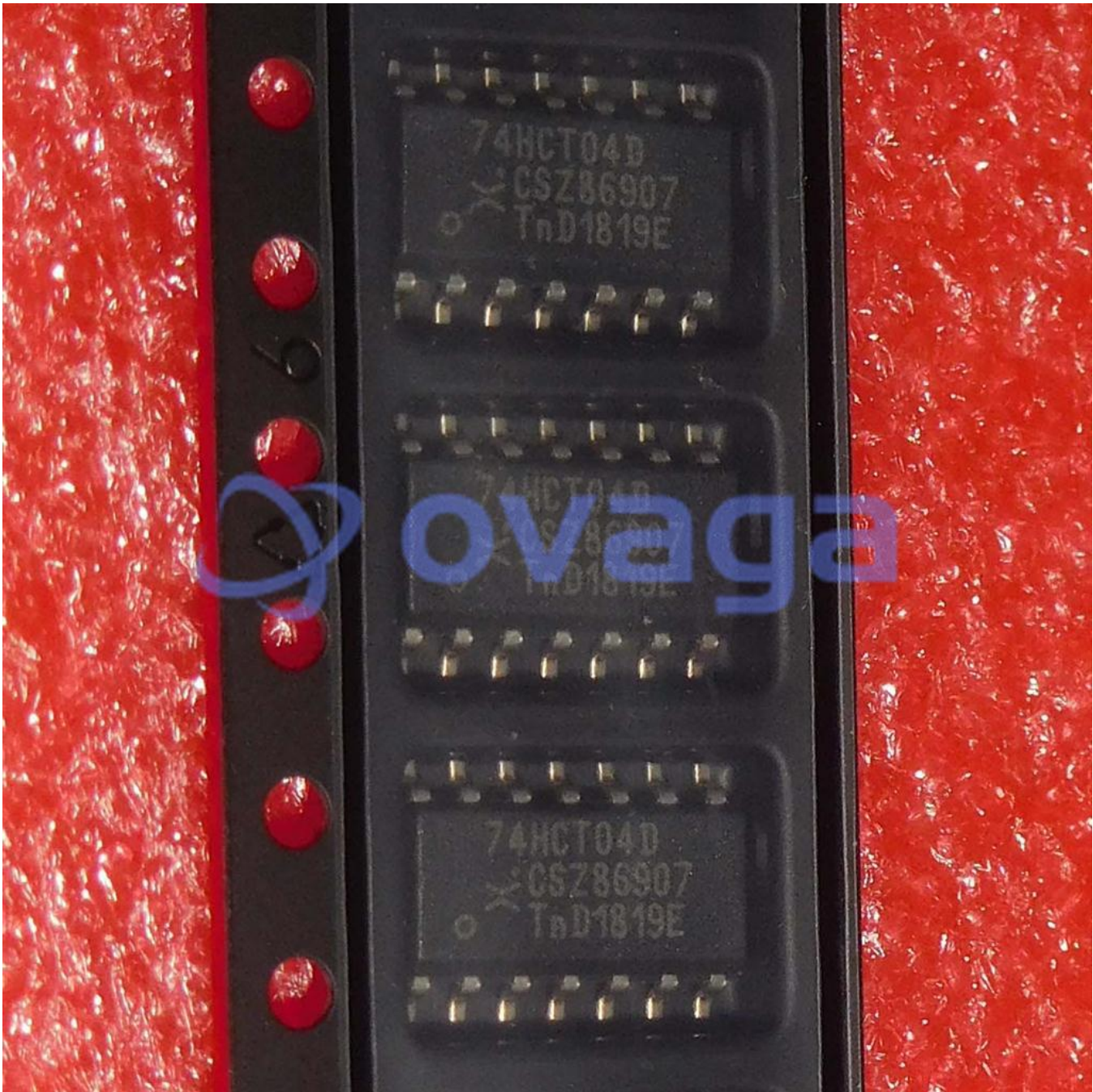
## Features

- Supply voltage range: 4.5V to 5.5V
- High-speed operation: propagation delay of 13 ns (typical)
- Low power consumption: 4  $\mu$ A (maximum) at 5V
- TTL-compatible input/output levels
- Schmitt trigger inputs for improved noise immunity
- Wide operating temperature range: -40°C to 85°C

## Application

- Clock signal inversion
- Signal buffering
- Logic-level conversion
- Driving LED displays
- Driving relays
- Motor control circuits
- Audio amplifiers
- Power supplies



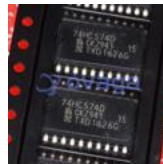


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#### [74HC4050D](#)

NXP Semiconductor  
16-SOIC



#### [74HC574D](#)

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20-SOIC



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