

Buffers & Line Drivers HEX HI-LO LVL SHIFTR

Manufacturers	NXP Semiconductor
Package/Case	16-SOIC
Product Type	Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for 74HC4050D or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The 74HC4050D is a hex non-inverting buffer/convertor IC that accepts a high-level input signal and converts it to a compatible high-level output signal. It is commonly used for voltage level shifting between different logic families and as a buffer for improving signal integrity.

Features

- Hex non-inverting buffer/convertor
- Compatible with TTL, CMOS, and other logic families
- High-speed operation
- Wide operating voltage range (2V to 6V)
- Low power consumption
- Schmitt-trigger input for noise immunity
- ESD (Electrostatic Discharge) protection

Application

- Digital logic circuits
- Signal buffering and level shifting
- Interface circuits
- Communication systems
- Consumer electronics
- Industrial control systems
- Automotive electronics
- Battery-powered devices





Related Products



[74HC574D](#)

NXP Semiconductor
20-SOIC



[74HC132D](#)

NXP Semiconductor
SOP-14



[74HC165D](#)

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SOP-16



[74HC259D](#)

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[74HC04D](#)

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[74HC540D](#)

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