

16-channel analogue multiplexer/demultiplexer

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	DIP24
Product Type	Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for HEF4067BP or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

HEF4067BP is a type of integrated circuit (IC) that belongs to the CMOS (Complementary Metal-Oxide-Semiconductor) logic family. It is a 16-channel analog multiplexer/demultiplexer IC, which means it can route analog signals from one of 16 input channels to a single output channel, or vice versa. The HEF4067BP is commonly used in electronic circuits for signal routing, switching, and selection applications.

## Features

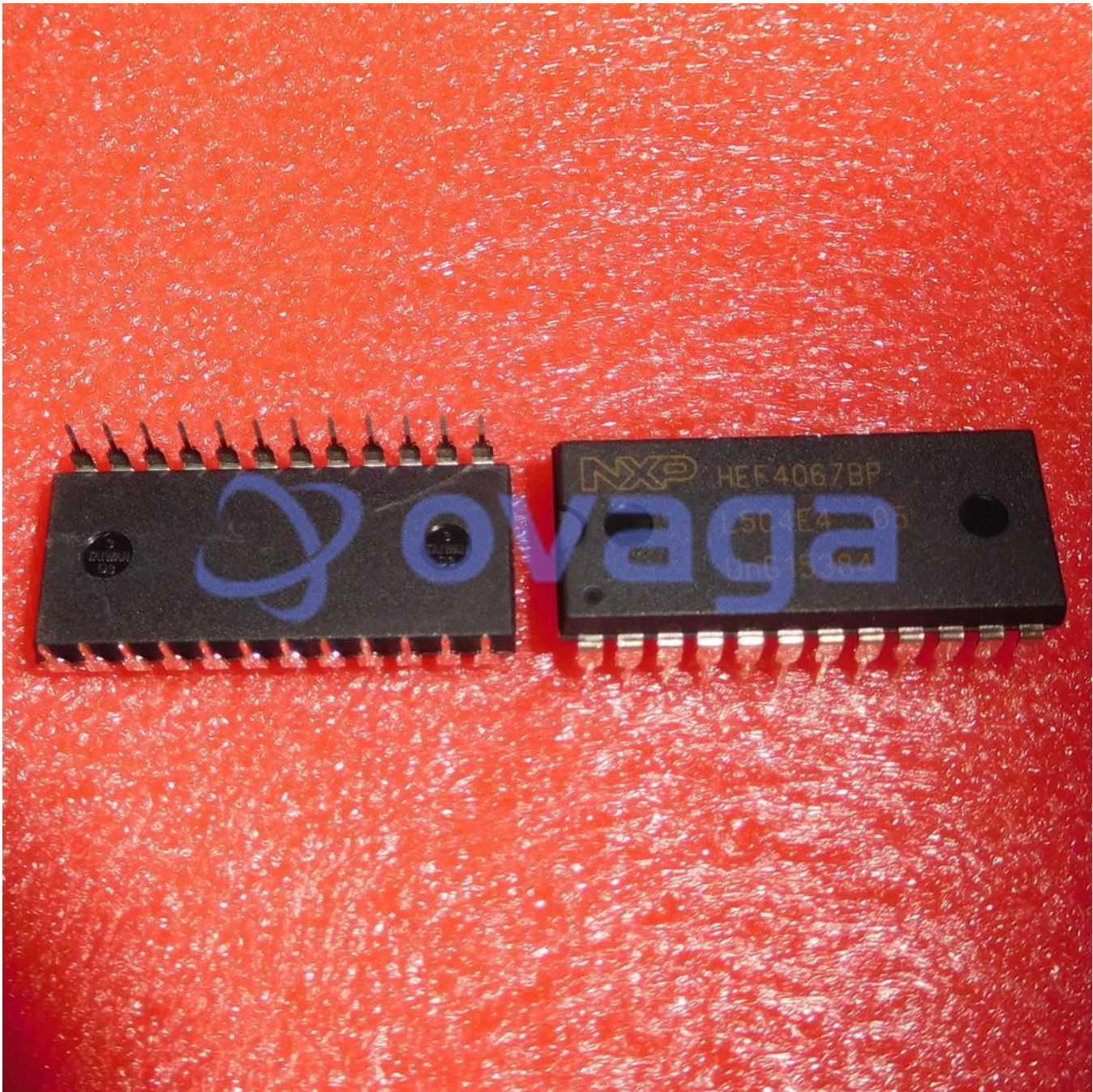
- 16 analog input/output channels
- Wide supply voltage range: 3 V to 15 V
- Low ON resistance: typically 80 ohms at >
- Low "OFF" leakage current: typically 0.1 nA at >
- Fast switching action: typically 50 ns switching time
- TTL-compatible control inputs
- Built-in protection diodes for handling overvoltage and undervoltage conditions
- DIP (Dual In-line Package) package for easy breadboarding and prototyping

## Application

- Audio and video signal routing
- Analog signal multiplexing and demultiplexing
- Data acquisition systems
- Instrumentation and measurement equipment
- Communication systems
- Industrial automation and control
- Test and measurement equipment







### Related Products



#### [HEF4028BP](#)

NXP Semiconductor  
DIP16



#### [HEF4013BTT](#)

NXP Semiconductor  
TSSOP-14



#### [HEF4069UBTT](#)

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TSSOP-14



#### [HEF4051BT-Q100](#)

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SO-16



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[74HC4050D](#)

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SOP-14