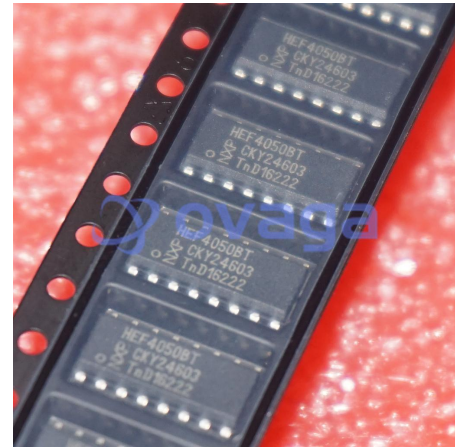


HEX non-inverting buffers HEX BUFFER

Manufacturers	<u><a href="#">NXP Semiconductor</a></u>
Package/Case	SOP-16
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for HEF4050BT or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

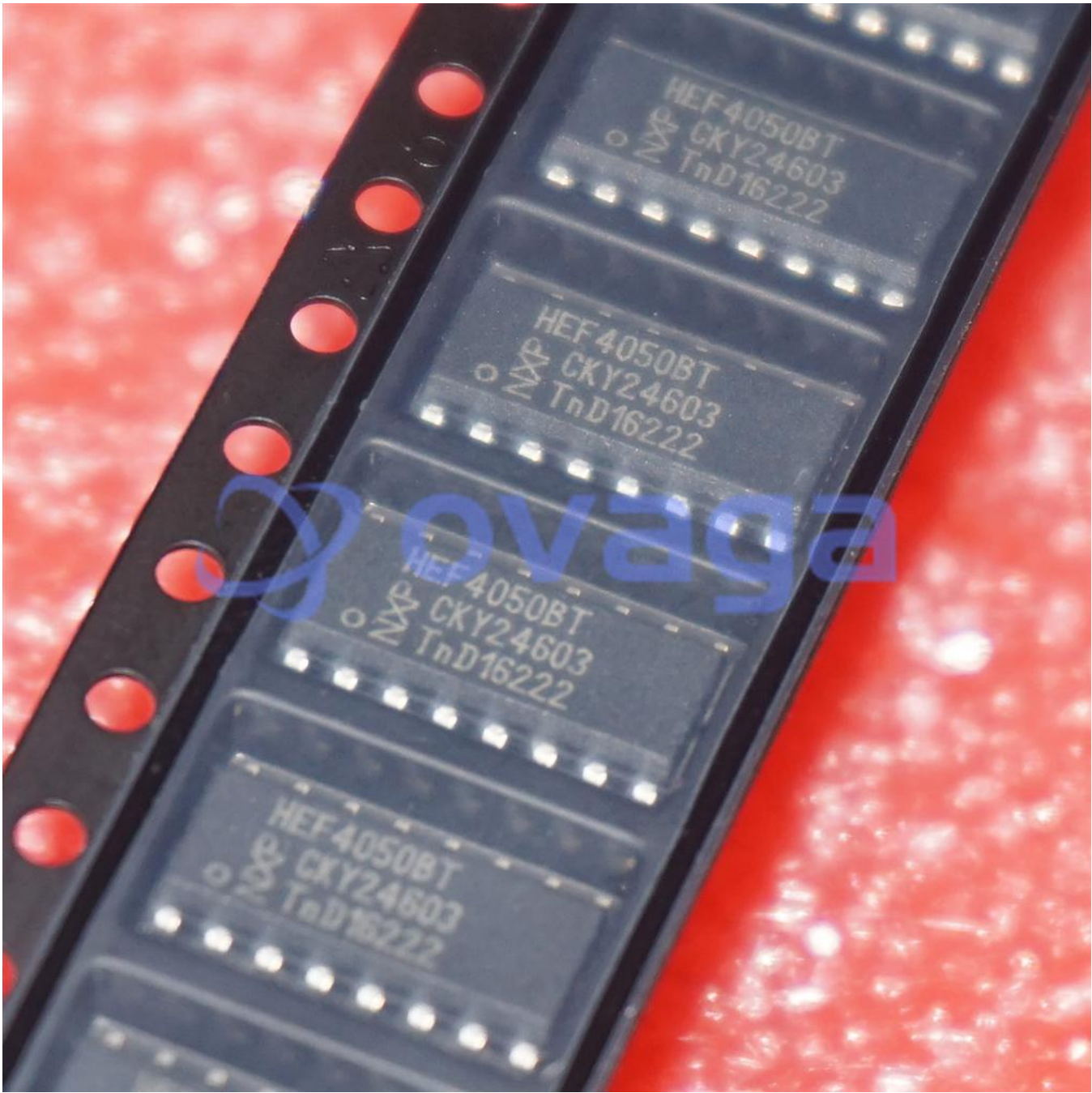
HEF4050BT is a hex non-inverting buffer IC (Integrated Circuit) made by NXP Semiconductors. It is part of the HEF4000B family of CMOS (Complementary Metal-Oxide-Semiconductor) chips and is designed to provide high-speed signal amplification and transmission while consuming very low power.

## Features

- Six non-inverting buffers in one package
- Wide supply voltage range of 3V to 15V
- High input impedance and low output impedance
- Fast propagation delay of 20ns at 10V supply voltage
- Low power consumption of 0.2mW per gate at 10V supply voltage
- Can be used in a wide range of temperature conditions (-40°C to +125°C)

## Application

- Signal buffering and amplification
- Level shifting between different voltage levels
- Isolation between different circuit sections
- Driving capacitive loads and long transmission lines
- Conversion of TTL (Transistor-Transistor Logic) to CMOS logic



### Related Products



#### [HEF4072BT](#)

NXP Semiconductor  
SOIC-14



#### [HEF4025BT](#)

NXP Semiconductor  
SOP-14



#### [HEF40106BT](#)

NXP Semiconductor  
SOP-14



#### [HEF4051BT](#)

NXP Semiconductor  
SOIC-16



[HEF4040BT](#)

NXP Semiconductor  
SOP-16



[HEF4528BT](#)

NXP Semiconductor  
SOIC-16



[HEF4060BT](#)

NXP Semiconductor  
SOP-16



[HEF4021BT](#)

NXP Semiconductor  
SOIC-16