

AND Gate, HEF4000 Family, 4 Gate, 2 Input, 2.4 mA, 4.5V to 15.5V, DIP-14

Manufacturers	NXP Semiconductor
Package/Case	DIP-14
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for HEF4081BP or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

HEF4081BP is a quad 2-input AND gate IC (integrated circuit) from the CMOS 4000 series. It is commonly used in digital logic circuits for performing logical AND operations. Here are some of its features:

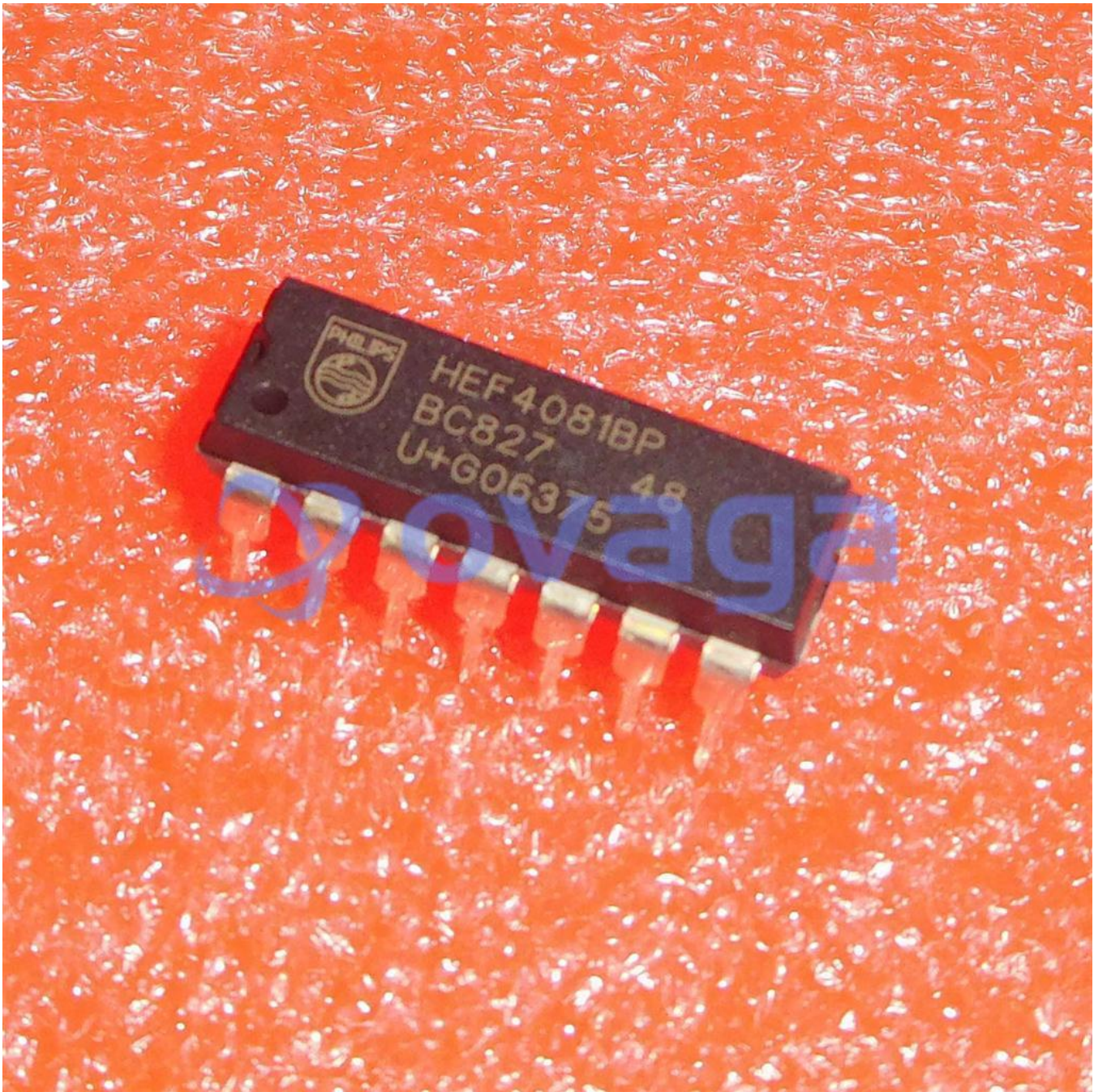
Features

- Operating voltage range: 3V to 15V
- High noise immunity: 0.45 VDD (typical)
- Low power consumption: 1 μ A (static), 500 μ A (dynamic)
- Schmitt-trigger inputs for improved noise rejection

Application

- Digital logic circuits
- Signal processing circuits
- Control circuits
- Timer circuits





Related Products



[HEF4072BT](#)

NXP Semiconductor
SOIC-14



[HEF4025BT](#)

NXP Semiconductor
SOP-14



[HEF40106BT](#)

NXP Semiconductor
SOP-14



[HEF4051BT](#)

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HEF4050BT

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HEF4040BT

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HEF4528BT

NXP Semiconductor
SOIC-16



HEF4060BT

NXP Semiconductor
SOP-16