

IC 4000/14000/40000 SERIES, ASYN NEGATIVE EDGE TRIGGERED 14Bit UP BINARY COUNTER, PDSO16, 3.9MM, PLASTIC, SOT109-1, SOP-16, Counter

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



Images are for reference only

Please submit RFQ for HEF4060BT or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

HEF4060BT is a type of integrated circuit (IC) that belongs to the family of CMOS logic devices. It is a 14-stage ripple-carry binary counter/divider and oscillator with an integrated oscillator capacitor.

### Features

- High-speed operation: typically 12 MHz clock frequency
- Wide supply voltage range: 3V to 15V
- Low power consumption: typically 80 $\mu$ A at 5V VDD
- 14-bit binary counter/divider and oscillator in a single package
- Schmitt-trigger input on the clock signal for improved noise immunity
- Reset input to reset the counter to 0
- Output stages provide both TTL and CMOS compatible output signals

### Application

- Frequency division and counting circuits
- Digital clocks and timers
- Frequency synthesizers and generators
- Pulse generators
- Programmable sequential timing circuits
- Control circuits in microprocessors and microcontrollers
- Oscillator circuits



## Related Products



### [HEF4072BT](#)

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SOIC-14



### [HEF4025BT](#)

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SOP-14



### [HEF40106BT](#)

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