



Data Sheet

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

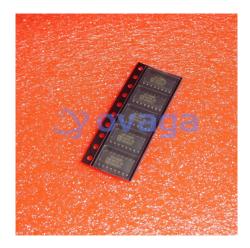
Manufacturers <u>NXP Semiconductor</u>

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 We will contact you in 12 hours.

**RFO** 

## **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 Application

High-speed operation: typically 12 MHz clock frequency Frequency division and counting circuits

Wide supply voltage range: 3V to 15V Digital clocks and timers

Low power consumption: typically 80µA at 5V VDD Frequency synthesizers and generators

14-bit binary counter/divider and oscillator in a single package

Pulse generators

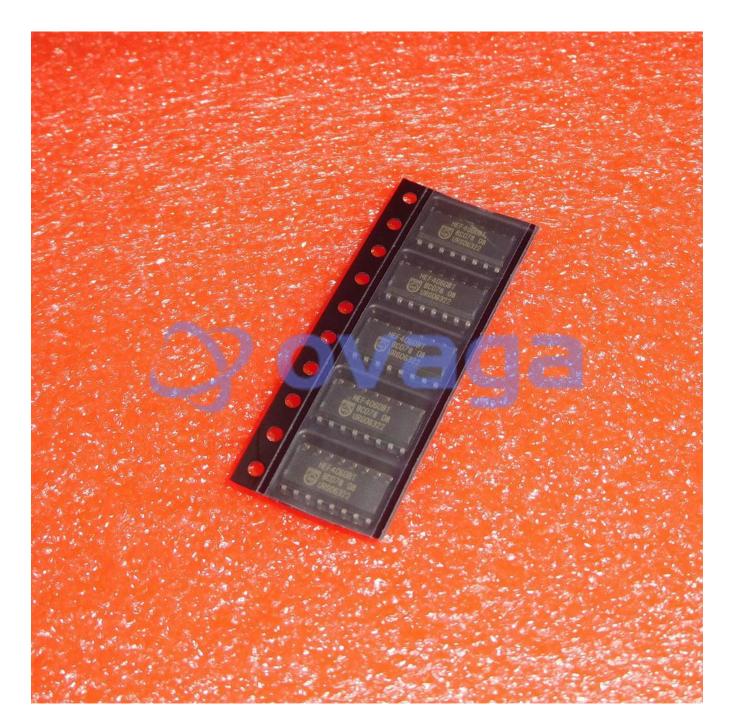
Schmitt-trigger input on the clock signal for improved noise immunity

Programmable sequential timing circuits

Reset input to reset the counter to 0 Control circuits in microprocessors and microcontrollers

Output stages provide both TTL and CMOS compatible output signals

Oscillator circuits



## **Related Products**



**HEF4072BT** 

NXP Semiconductor SOIC-14



**HEF40106BT** 

NXP Semiconductor SOP-14



**HEF4025BT** 

NXP Semiconductor SOP-14



**HEF4051BT** 

NXP Semiconductor SOIC-16



HEF4050BT NXP Semiconductor SOP-16



HEF4040BT NXP Semiconductor SOP-16



HEF4528BT NXP Semiconductor SOIC-16



HEF4021BT NXP Semiconductor SOIC-16