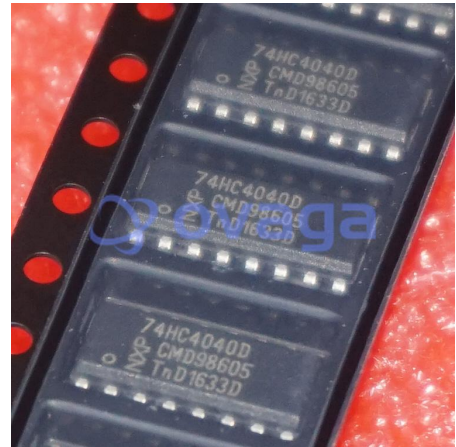


Counter Single 12-Bit Binary UP 16-Pin SO Bulk

Manufacturers	<u>NXP Semiconductor</u>
Package/Case	SOP-16
Product Type	Counter ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for 74HC4040D or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

74HC4040D is a type of high-speed, CMOS (Complementary Metal-Oxide-Semiconductor) 12-stage binary counter IC (Integrated Circuit) manufactured by NXP Semiconductors.

Features

Wide supply voltage range: 2V to 6V

High noise immunity: CMOS output is less sensitive to noise compared to other logic families

High-speed operation: Can operate at a clock frequency of up to 25 MHz

Low power consumption: Typically consumes less than 5mA of current

Schmitt-trigger clock inputs: This helps improve noise immunity by rejecting input signals that are too slow or too fast

Application

Frequency dividers: The 74HC4040D can be used to divide the frequency of an input signal by a factor of 2^n , where n is the number of stages used.

Time delay circuits: The 74HC4040D can be used to generate a precise time delay between two events.

Digital clocks: The 74HC4040D can be used to build a simple digital clock circuit.



Related Products



[74HC393D](#)
 NXP Semiconductor
 SOP-14



[74HC4060D](#)
 NXP Semiconductor
 SOP-16



[74HC4017D](#)
 NXP Semiconductor
 SO-16



[74HC393PW](#)
 NXP Semiconductor
 TSSOP-14



[74HC590D](#)
 NXP Semiconductor
 SOIC-16



[74HCT390D](#)
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 SOIC-16



[74HC40103D](#)

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