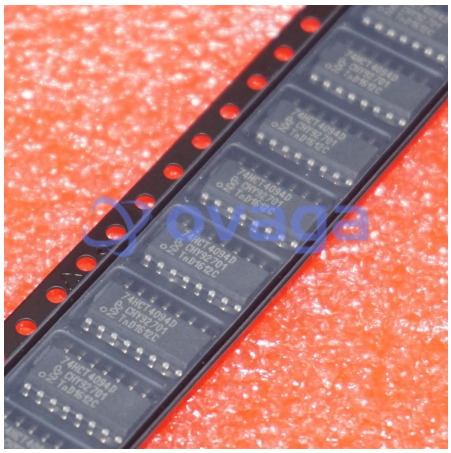
74HCT4094D

Data Sheet

Shift Register, HCT Family, 74HCT4094, Serial to Parallel, 1 Element, 8 bit, SOIC, 16 Pins

Manufacturers	NXP Semiconductor
Package/Case	SOP16
Product Type	Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for 74HCT4094D or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

74HCT4094D is a CMOS shift register chip with an 8-bit serial input and parallel output. It is commonly used in digital circuits for controlling LED displays, driving motors, and interfacing with other digital devices.

Features

High-speed operation: It can operate at a clock frequency of up to 70 MHz.

Low power consumption: It operates at a low power supply voltage and has low power dissipation.

Output latch function: The outputs can be latched and held at their current state until the latch is reset.

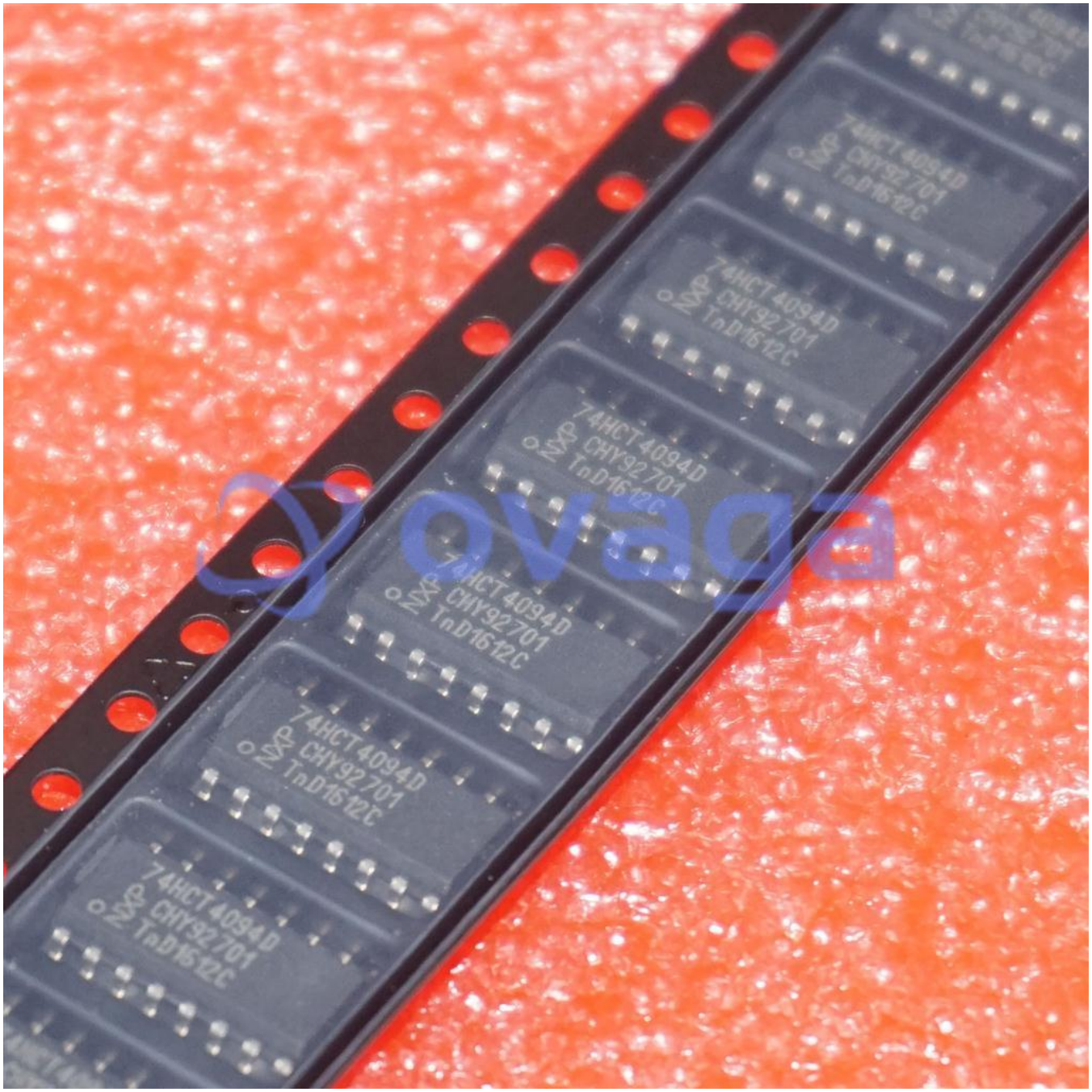
Schmitt-trigger action: It provides hysteresis in the input signals, making it less sensitive to noise and ensuring reliable operation.

Application

LED displays: It can be used to control individual LED segments in a display, allowing for the creation of patterns, letters, and numbers.

Motor control: It can be used to control the speed and direction of a motor by outputting signals to motor drivers.

Interface with other digital devices: It can be used to interface with other digital devices such as microcontrollers, FPGAs, and other shift registers.



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[74HC4050D](#)

NXP Semiconductor

16-SOIC

[74HC574D](#)

NXP Semiconductor

20-SOIC

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SOP-14