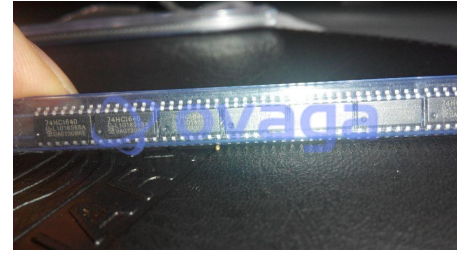


Shift Register, HC Family, 74HC164, Serial to Parallel, 1 Element, 8 bit, SOIC, 14 Pins



Images are for reference only

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	SOP-14
Product Type	Logic ICs
RoHS	
Lifecycle	

Please submit RFQ for 74HC164D or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

74HC164D is a type of integrated circuit (IC) chip, specifically a shift register.

### Features

8-bit parallel-out serial shift register

High-speed: can operate up to 100 MHz clock frequency

Low power consumption: typically consumes only 5 mA of current

Wide operating voltage range: 2V to 6V

Schmitt trigger inputs for improved noise immunity

Output can source or sink up to 6 mA of current

### Application

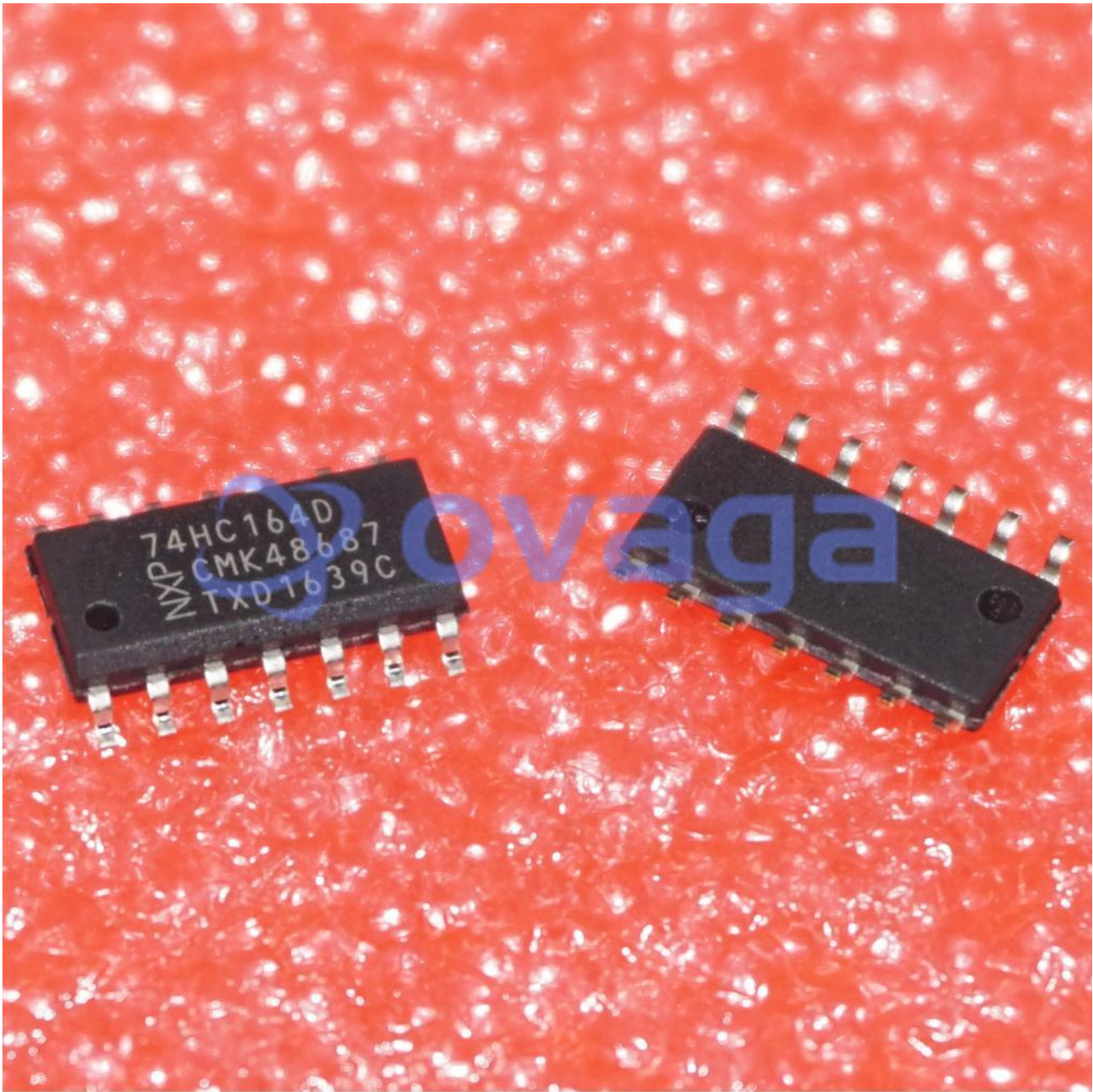
LED displays: The 8-bit parallel output can be used to control 8 LEDs, making it useful for displays or indicators.

Data storage: The shift register can be used to store data in a serial format.

Sensor data acquisition: The IC can be used to acquire data from sensors that output data in a serial format.

Communications: The shift register can be used for parallel-to-serial or serial-to-parallel conversion in communication systems.



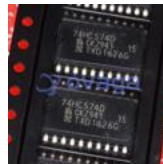


### Related Products



#### [74HC4050D](#)

NXP Semiconductor  
16-SOIC



#### [74HC574D](#)

NXP Semiconductor  
20-SOIC



#### [74HC132D](#)

NXP Semiconductor  
SOP-14



#### [74HC165D](#)

NXP Semiconductor  
SOP-16



[74HC259D](#)

NXP Semiconductor  
SOP-16



[74HCT02D](#)

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[74HC14D](#)

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[74HC04D](#)

NXP Semiconductor  
SOP-14