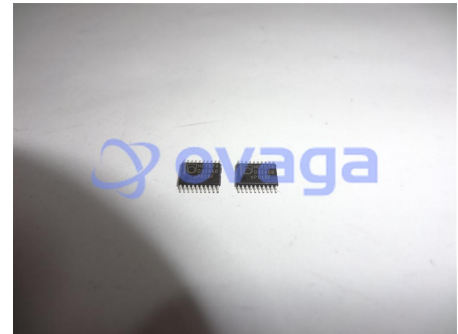


Octal D-type flip-flop; positive edge-trigger; 3-state

Manufacturers	NXP Semiconductor
Package/Case	SOIC-20
Product Type	Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for 74HCT574D or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

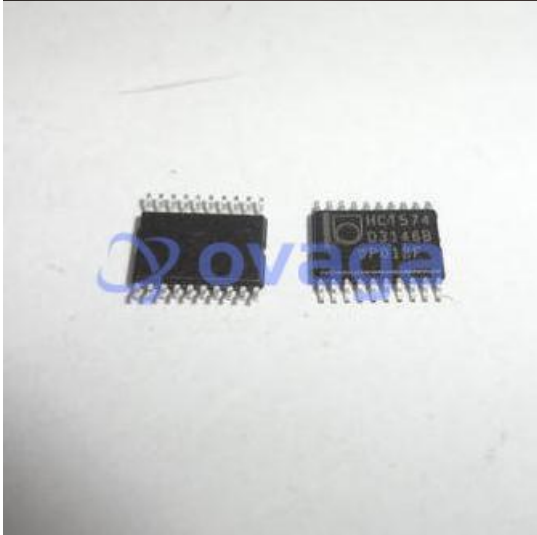
74HCT574D is a type of octal D-type flip-flop with 3-state outputs. It is a part of the 74HC/HCT family of high-speed CMOS logic ICs, which are commonly used in digital electronics applications.

Features

- 8-bit D-type flip-flop with 3-state outputs
- High-speed operation: maximum clock frequency of 80 MHz
- Low power consumption: typical power dissipation of 4.5 mW per gate at 5V
- Schmitt-trigger action on clock input for improved noise immunity
- Balanced propagation delays>
- Wide operating voltage range: 4.5V to 5.5V

Application

- Data storage and transfer in digital systems
- Address decoding and data routing in memory systems
- Control and synchronization of multiple devices in a digital network
- Interfacing between a microcontroller and external devices, such as displays or sensors
- Signal conditioning and amplification in signal processing 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](#)

NXP Semiconductor
SOP-14



[74HC14D](#)

NXP Semiconductor
SOP-14



[74HC04D](#)

NXP Semiconductor
SOP-14