

Octal bus transceiver; 3-state

Manufacturers	NXP Semiconductor
Package/Case	SOP-20
Product Type	Integrated Circuits (ICs)
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for 74HC245D or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

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General Description

74HC245D is a type of integrated circuit (IC) that belongs to the 74HC family of high-speed CMOS logic devices. It is a bus transceiver with 3-state outputs, which means it can transfer data bidirectionally between two buses with different voltage levels.

Features

- High-speed CMOS technology
- 8-bit bidirectional data transfer
- Wide operating voltage range (2 V to 6 V)
- 3-state output with isolation capacitors to minimize reflections
- Low power consumption
- ESD protection up to 2 kV HBM

Application

- Level shifting and signal buffering between different voltage domains
- Interfacing between buses of different widths and/or types (e.g., TTL, CMOS)
- Bus isolation to prevent contention and reduce power consumption
- Data communication between different subsystems or modules





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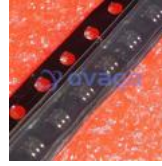
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