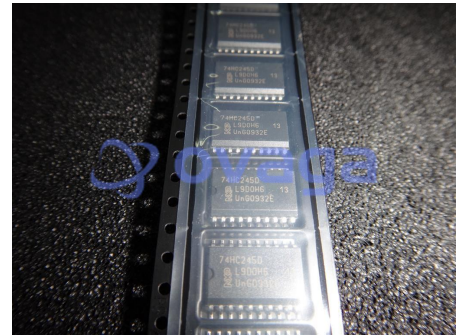


Transceiver, 74HCT245, 4.5 V to 5.5 V, SOIC-20

| | |
|---------------|--|
| Manufacturers | <u>NXP Semiconductor</u> |
| Package/Case | SOP-20 |
| Product Type | Logic ICs |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for 74HCT245D or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

74HCT245D is a type of octal bus transceiver integrated circuit (IC) that is widely used in digital electronics. It is a member of the 74HCT family of ICs, which are high-speed CMOS logic devices that are compatible with TTL (Transistor-Transistor Logic) inputs and outputs.

Features

- 8-bit bidirectional bus interface between the two ports
- 3-state non-inverting outputs for bus-oriented applications
- Outputs are disabled when either output-enable input is high
- Low-power CMOS technology
- High noise immunity
- Wide operating voltage range (2V to 6V)
- High-speed operation (up to 60 MHz clock frequency)

Application

- Level shifting and voltage translation between different logic levels
- Buffering and line driving in bus-oriented systems
- Interfacing between different parts of a system that operate at different voltages
- General-purpose digital signal buffering

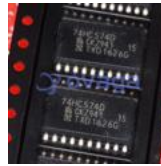


Related Products



[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