

16-bit dual supply translating transceiver with configurable volt...

Manufacturers	<u><a href="#">NXP Semiconductor</a></u>
Package/Case	TSSOP-48
Product Type	Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for 74AVC16T245DGG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

74AVC16T245DGG is a part number that likely refers to a specific integrated circuit (IC) or electronic component. However, as an AI language model, I do not have access to real-time information, so I cannot provide specific details about this part number. However, I can provide you with general information about features, applications, and equivalent part numbers based on my knowledge cutoff date in 2021.

### Features

It is likely a 16-bit bidirectional voltage level translator or buffer.

It may support a wide operating voltage range, allowing for translation between different voltage levels.

It may have separate voltage supply pins for input and output sides, allowing for flexibility in interfacing different voltage domains.

It may feature ESD protection, overvoltage protection, and other built-in protections to ensure reliable operation.

### Application

It may be used in systems where different components or subsystems operate at different voltage levels and need to communicate or exchange data.

It may be used in mixed-voltage systems, such as in communication interfaces, industrial automation, and automotive electronics.

It may be used in applications where voltage level translation is needed between different logic families, such as between TTL and CMOS, or between different supply voltage domains.



### 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