

74LVC4245ABQ-Q100J

74LVC4245ABQ-Q100J Information



For Reference Only

Part Number	74LVC4245ABQ-Q100J	
Manufacturer	Nexperia USA Inc.	
Category	Integrated Circuits (ICs) Logic - Translators, Level Shifters	
Description	IC TRANSCVR TRI-ST DL 24DHVQFN	
Package	24-VFQFN Exposed Pad	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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74LVC4245ABQ-Q100J Specifications

Manufacturer Nexperia USA Inc. Category Integrated Circuits (ICs) Logic - Translators, Level Shifters Logic - Translators, Level Shifters Package 24-VFQFN Exposed Pad Series Automotive, AEC-Q100, 74LVC Translator Type Voltage Level Channel Type Bidirectional Number of Circuits 1 Channels per Circuit 8 Voltage - VCCA 1.5V ~ 5.5V Voltage - VCCB 1.5V ~ 3.6V Input Signal - Output Signal - Output Type Tri-State, Non-Inverted Data Rate - Operating Temperature 440°C ~ 125°C (TA) Features - Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad		
CategoryIntegrated Circuits (ICs)Logic - Translators, Level ShiftersPackage24-VFQFN Exposed PadSeriesAutomotive, AEC-Q100, 74LVCTranslator TypeVoltage LevelChannel TypeBidirectionalNumber of Circuits1Channels per Circuit8Voltage - VCCA1.5V ~ 5.5VVoltage - VCCB1.5V ~ 3.6VInput Signal-Output Signal-Output TypeTri-State, Non-InvertedData Rate-Operating Temperature-Mounting TypeSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-DHVQFN (5.5x3.5)	Manufacturer Part Number	74LVC4245ABQ-Q100J
Logic - Translators, Level ShiftersPackage24-VFQFN Exposed PadSeriesAutomotive, AEC-Q100, 74LVCTranslator TypeVoltage LevelChannel TypeBidirectionalNumber of Circuits1Channels per Circuit8Voltage - VCCA1.5V ~ 5.5VVoltage - VCCB1.5V ~ 3.6VInput Signal-Output TypeTri-State, Non-InvertedData Rate-Operating Temperature40°C ~ 125°C (TA)Features-Mounting TypeSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-DHVQFN (5.5x3.5)	Manufacturer	Nexperia USA Inc.
Package24-VFQFN Exposed PadSeriesAutomotive, AEC-Q100, 74LVCTranslator TypeVoltage LevelChannel TypeBidirectionalNumber of Circuits1Channels per Circuit8Voltage - VCCA1.5V ~ 5.5VVoltage - VCCB1.5V ~ 3.6VInput Signal-Output TypeTri-State, Non-InvertedData Rate-Operating Temperature40°C ~ 125°C (TA)FeaturesSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-DHVQFN (5.5x3.5)	Category	Integrated Circuits (ICs)
SeriesAutomotive, AEC-Q100, 74LVCTranslator TypeVoltage LevelChannel TypeBidirectionalNumber of Circuits1Channels per Circuit8Voltage - VCCA1.5V ~ 5.5VVoltage - VCCB1.5V ~ 3.6VInput Signal-Output TypeTri-State, Non-InvertedData Rate-Operating Temperature-40°C ~ 125°C (TA)Features-Mounting TypeSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-DHVQFN (5.5x3.5)		Logic - Translators, Level Shifters
Translator TypeVoltage LevelChannel TypeBidirectionalNumber of Circuits1Channels per Circuit8Voltage - VCCA1.5V ~ 5.5VVoltage - VCCB1.5V ~ 3.6VInput Signal-Output TypeTri-State, Non-InvertedData Rate-Operating Temperature-40°C ~ 125°C (TA)FeaturesSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-DHVQFN (5.5x3.5)	Package	24-VFQFN Exposed Pad
Channel TypeBidirectionalNumber of Circuits1Channels per Circuit8Voltage - VCCA1.5V ~ 5.5VVoltage - VCCB1.5V ~ 3.6VInput Signal-Output Type7i-State, Non-InvertedData Rate-Operating Temperature-Features-Mounting TypeSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-DHVQFN (5.5X3.5)	Series	Automotive, AEC-Q100, 74LVC
Number of Circuits1Channels per Circuit8Voltage - VCCA1.5V ~ 5.5VVoltage - VCCB1.5V ~ 3.6VInput Signal-Output Signal-Output TypeTri-State, Non-InvertedData Rate-Operating Temperature-40°C ~ 125°C (TA)Features-Mounting TypeSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-DHVQFN (5.5x3.5)	Translator Type	Voltage Level
Channels per Circuit8Voltage - VCCA1.5V ~ 5.5VVoltage - VCCB1.5V ~ 3.6VInput Signal-Output Signal-Output TypeTri-State, Non-InvertedData Rate-Operating Temperature-40°C ~ 125°C (TA)FeaturesSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-DHVQFN (5.5x3.5)	Channel Type	Bidirectional
Voltage - VCCA1.5V ~ 5.5VVoltage - VCCB1.5V ~ 3.6VInput Signal-Output Signal-Output TypeTri-State, Non-InvertedData Rate-Operating Temperature-40°C ~ 125°C (TA)Features-Mounting TypeSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-DHVQFN (5.5x3.5)	Number of Circuits	1
Voltage - VCCB1.5V ~ 3.6VInput Signal-Output Signal-Output TypeTri-State, Non-InvertedData Rate-Operating Temperature-40°C ~ 125°C (TA)Features-Mounting TypeSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-DHVQFN (5.5x3.5)	Channels per Circuit	8
Input Signal-Output Signal-Output TypeTri-State, Non-InvertedData Rate-Operating Temperature-40°C ~ 125°C (TA)Features-Mounting TypeSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-DHVQFN (5.5x3.5)	Voltage - VCCA	1.5V ~ 5.5V
Output Signal-Output TypeTri-State, Non-InvertedData Rate-Operating Temperature-40°C ~ 125°C (TA)Features-Mounting TypeSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-DHVQFN (5.5x3.5)	Voltage - VCCB	1.5V ~ 3.6V
Output TypeTri-State, Non-InvertedData Rate-Operating Temperature-40°C ~ 125°C (TA)Features-Mounting TypeSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-DHVQFN (5.5x3.5)	Input Signal	-
Data Rate-Operating Temperature-40°C ~ 125°C (TA)Features-Mounting TypeSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-DHVQFN (5.5x3.5)	Output Signal	-
Operating Temperature-40°C ~ 125°C (TA)Features-Mounting TypeSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-DHVQFN (5.5x3.5)	Output Type	Tri-State, Non-Inverted
Features-Mounting TypeSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-DHVQFN (5.5x3.5)	Data Rate	-
Mounting TypeSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-DHVQFN (5.5x3.5)	Operating Temperature	-40°C ~ 125°C (TA)
Package / Case24-VFQFN Exposed PadSupplier Device Package24-DHVQFN (5.5x3.5)	Features	-
Supplier Device Package24-DHVQFN (5.5x3.5)	Mounting Type	Surface Mount
	Package / Case	24-VFQFN Exposed Pad
Report errors?	Supplier Device Package	24-DHVQFN (5.5x3.5)
		Report errors?

74LVC4245ABQ-Q100J Guarantees



Quality Guarantees

We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

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