

74VHC02BQ,115

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74VHC02BQ,115 Information

	Part Number	74VHC02BQ,115	
Carlos	Manufacturer	Nexperia USA Inc.	
	Category	Integrated Circuits (ICs) Logic - Gates and Inverters	
	Description	IC GATE NOR 4CH 2-INP 14-DHVQFN	
	Package	14-VFQFN Exposed Pad	
		For the pricing/inventory/lead time, please contact	
		us	
For Reference Only		Website: https://www.heisener.com	
		E-mail: salesdept@heisener.com	



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74VHC02BQ,115 Specifications

Manufacturer Nexperia USA Inc. Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-VFQFN Exposed Pad Series 74VHC Logic Type NOR Gate Number of Circuits 4 Number of Circuits 2 Features - Voltage - Supply 2 V ~ 5.5 V Current - Quiescent (Max) 2µA Current - Output High, Low 8mA, 8mA Logic Level - Low 0.5 V ~ 1.65 V		
CategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage14-VFQFN Exposed PadSeries74VHCLogic TypeNOR GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2µACurrent - Output High, Low8mA, 8mALogic Level - High1.5 V ~ 3.85 VMax Propagation Delay @ V, Max CL7.5ns @ 5V, 50pFOperating Temperature40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-DHVQFN (2.5x3)Package / Case14-VFQFN Exposed Pad	Manufacturer Part Number	74VHC02BQ,115
Logic - Gates and Inverters Package 14-VFQFN Exposed Pad Series 74VHC Logic Type NOR Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 5.5 V Current - Quiescent (Max) 2µA Current - Output High, Low 8mA, 8mA Logic Level - Low 0.5 V ~ 1.65 V Max Propagation Delay @ V, Max CL 7.5ns @ 5V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-DHVQFN (2.5x3) Package / Case 14-VFQFN Exposed Pad	Manufacturer	Nexperia USA Inc.
Package14-VFQFN Exposed PadSeries74VHCLogic TypeNOR GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2µACurrent - Output High, Low8mA, 8mALogic Level - Low0.5 V ~ 1.65 VLogic Level - High1.5 V ~ 3.85 VOperating Temperature-0°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-DHVQFN (2.5x3)Package / Case14-VFQFN Exposed Pad	Category	Integrated Circuits (ICs)
Series74VHCLogic TypeNOR GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2µACurrent - Output High, Low8mA, 8mALogic Level - Low0.5 V ~ 1.65 VLogic Level - High1.5 V ~ 3.85 VMax Propagation Delay @ V, Max CL7.5ns @ 5V, 50pFOperating Temperature440°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-DHVQFN (2.5x3)Package / Case14-VFQFN Exposed Pad		Logic - Gates and Inverters
Logic TypeNOR GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2µACurrent - Output High, Low8mA, 8mALogic Level - Low0.5 V ~ 1.65 VLogic Level - High1.5 V ~ 3.85 VMax Propagation Delay @ V, Max CL7.5ns @ 5V, 50pFOperating Temperature40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-DHVQFN (2.5x3)	Package	14-VFQFN Exposed Pad
Number of Circuits4Number of Inputs2Features-Features2 V ~ 5.5 VVoltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2 µACurrent - Output High, Low8mA, 8mALogic Level - Low0.5 V ~ 1.65 VLogic Level - High1.5 V ~ 3.85 VMax Propagation Delay @ V, Max CL7.5ns @ 5V, 50pFOperating Temperature40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-DHVQFN (2.5x3)Package / Case14-VFQFN Exposed Pad	Series	74VHC
Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2µACurrent - Output High, Low8mA, 8mALogic Level - Low0.5 V ~ 1.65 VLogic Level - High1.5 V ~ 3.85 VMax Propagation Delay @ V, Max CL7.5ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-DHVQFN (2.5x3)Package / Case14-VFQFN Exposed Pad	Logic Type	NOR Gate
Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2µACurrent - Output High, Low8mA, 8mALogic Level - Low0.5 V ~ 1.65 VLogic Level - High1.5 V ~ 3.85 VMax Propagation Delay @ V, Max CL7.5ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-DHVQFN (2.5x3)Package / Case14-VFQFN Exposed Pad	Number of Circuits	4
Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.5 V ~ 1.65 VLogic Level - High1.5 V ~ 3.85 VMax Propagation Delay @ V, Max CL7.5ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-DHVQFN (2.5x3)Package / Case14-VFQFN Exposed Pad	Number of Inputs	2
Current - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.5 V ~ 1.65 VLogic Level - High1.5 V ~ 3.85 VMax Propagation Delay @ V, Max CL7.5ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-DHVQFN (2.5x3)Package / Case14-VFQFN Exposed Pad	Features	-
Current - Output High, Low8mA, 8mALogic Level - Low0.5 V ~ 1.65 VLogic Level - High1.5 V ~ 3.85 VMax Propagation Delay @ V, Max CL7.5ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-DHVQFN (2.5x3)Package / Case14-VFQFN Exposed Pad	Voltage - Supply	2 V ~ 5.5 V
Logic Level - Low0.5 V ~ 1.65 VLogic Level - High1.5 V ~ 3.85 VMax Propagation Delay @ V, Max CL7.5ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-DHVQFN (2.5x3)Package / Case14-VFQFN Exposed Pad	Current - Quiescent (Max)	2μΑ
Logic Level - High1.5 V ~ 3.85 VMax Propagation Delay @ V, Max CL7.5ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-DHVQFN (2.5x3)Package / Case14-VFQFN Exposed Pad	Current - Output High, Low	8mA, 8mA
Max Propagation Delay @ V, Max CL7.5ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-DHVQFN (2.5x3)Package / Case14-VFQFN Exposed Pad	Logic Level - Low	0.5 V ~ 1.65 V
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-DHVQFN (2.5x3)Package / Case14-VFQFN Exposed Pad	Logic Level - High	1.5 V ~ 3.85 V
Mounting TypeSurface MountSupplier Device Package14-DHVQFN (2.5x3)Package / Case14-VFQFN Exposed Pad	Max Propagation Delay @ V, Max CL	7.5ns @ 5V, 50pF
Supplier Device Package14-DHVQFN (2.5x3)Package / Case14-VFQFN Exposed Pad	Operating Temperature	-40°C ~ 125°C
Package / Case 14-VFQFN Exposed Pad	Mounting Type	Surface Mount
	Supplier Device Package	14-DHVQFN (2.5x3)
Report errors?	Package / Case	14-VFQFN Exposed Pad
		Report errors?

74VHC02BQ,115 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.

74VHC02BQ,115 Payment Methods



74VHC02BQ,115 Shipping Methods



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