

74LCX08BQX

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74LCX08BQX Information

Part Number	74LCX08BQX	
Manufacturer	ON Semiconductor	
www.bolemper.com	Integrated Circuits (ICs) Logic - Gates and Inverters	
Description	IC GATE AND 4CH 2-INP 14DQFN	
Package	14-WFQFN 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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74LCX08BQX Specifications

Manufacturer Part Number 74LCX08BQX Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Logic - Gates and Inverters Package 14-WFQFN Exposed Pad Series 74LCX Logic Type AND Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2V ~ 3.6 V Current - Quiescent (Max) 10µA Current - Output High, Low 24mA, 24mA Logic Level - Low 0.7 V ~ 0.8 V Logic Level - High 1.7 V ~ 2 V Max Propagation Delay @ V, Max CL 5.5ns @ 3.3V, 50pF Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-DQFN (3x2.5) Package / Case 14-WFQFN Exposed Pad		
CategoryIntegrated Circuits (ICs)CategoryLogic - Gates and InvertersPackage14-WFQFN Exposed PadSeries74 LCXLogic TypeAND GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 3.6 VCurrent - Quiescent (Max)10µALogic Level - Low0.7 V ~ 0.8 VLogic Level - High1.7 V ~ 2 VMax Propagation Delay @ V, Max CL5.5ns @ 3.3V, 50pFOperating Temperature4.0°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-WFQFN Exposed PadPackage / Case14-WFQFN Exposed Pad	Manufacturer Part Number	74LCX08BQX
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Logic TypeAND GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 3.6 VCurrent - Quiescent (Max)10µACurrent - Output High, Low24mA, 24mALogic Level - Low0.7 V ~ 0.8 VLogic Level - High1.7 V ~ 2 VMax Propagation Delay @ V, Max CL5.5ns @ 3.3V, 50pFOperating Temperature40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-DQFN (3x2.5)	Package	14-WFQFN Exposed Pad
Number of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 3.6 VCurrent - Quiescent (Max)10µACurrent - Output High, Low24mA, 24mALogic Level - Low0.7 V ~ 0.8 VMax Propagation Delay @ V, Max CL5.5ns @ 3.3V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-DQFN (3x2.5)Package / Case14-WEQFN Exposed Pad	Series	74LCX
Number of Inputs2Features-Voltage - Supply2 V ~ 3.6 VCurrent - Quiescent (Max)10μACurrent - Output High, Low24mA, 24mALogic Level - Low0.7 V ~ 0.8 VLogic Level - High1.7 V ~ 2 VMax Propagation Delay @ V, Max CL5.5ns @ 3.3V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-DQFN (3x2.5)Package / Case14-WFQFN Exposed Pad	Logic Type	AND Gate
Features-Voltage - Supply2 V ~ 3.6 VCurrent - Quiescent (Max)10µACurrent - Output High, Low24mA, 24mALogic Level - Low0.7 V ~ 0.8 VLogic Level - High1.7 V ~ 2 VMax Propagation Delay @ V, Max CL5.5ns @ 3.3V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-DQFN (3x2.5)Package / Case14-WFQFN Exposed Pad	Number of Circuits	4
Voltage - Supply2 V ~ 3.6 VCurrent - Quiescent (Max)10μACurrent - Output High, Low24mA, 24mALogic Level - Low0.7 V ~ 0.8 VLogic Level - High1.7 V ~ 2 VMax Propagation Delay @ V, Max CL5.5ns @ 3.3V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-DQFN (3x2.5)Package / Case14-WFQFN Exposed Pad	Number of Inputs	2
Current - Quiescent (Max)10μACurrent - Output High, Low24mA, 24mALogic Level - Low0.7 V ~ 0.8 VLogic Level - High1.7 V ~ 2 VMax Propagation Delay @ V, Max CL5.5ns @ 3.3V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-DQFN (3x2.5)Package / Case14-WFQFN Exposed Pad	Features	-
Current - Output High, Low24mA, 24mALogic Level - Low0.7 V ~ 0.8 VLogic Level - High1.7 V ~ 2 VMax Propagation Delay @ V, Max CL5.5ns @ 3.3V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-DQFN (3x2.5)Package / Case14-WFQFN Exposed Pad	Voltage - Supply	2 V ~ 3.6 V
Logic Level - Low0.7 V ~ 0.8 VLogic Level - High1.7 V ~ 2 VMax Propagation Delay @ V, Max CL5.5ns @ 3.3V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-DQFN (3x2.5)Package / Case14-WFQFN Exposed Pad	Current - Quiescent (Max)	10µА
Logic Level - High1.7 V ~ 2 VMax Propagation Delay @ V, Max CL5.5ns @ 3.3V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-DQFN (3x2.5)Package / Case14-WFQFN Exposed Pad	Current - Output High, Low	24mA, 24mA
Max Propagation Delay @ V, Max CL5.5ns @ 3.3V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-DQFN (3x2.5)Package / Case14-WFQFN Exposed Pad	Logic Level - Low	0.7 V ~ 0.8 V
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-DQFN (3x2.5)Package / Case14-WFQFN Exposed Pad	Logic Level - High	1.7 V ~ 2 V
Mounting TypeSurface MountSupplier Device Package14-DQFN (3x2.5)Package / Case14-WFQFN Exposed Pad	Max Propagation Delay @ V, Max CL	5.5ns @ 3.3V, 50pF
Supplier Device Package14-DQFN (3x2.5)Package / Case14-WFQFN Exposed Pad	Operating Temperature	-40° C ~ 85° C
Package / Case 14-WFQFN Exposed Pad	Mounting Type	Surface Mount
	Supplier Device Package	14-DQFN (3x2.5)
Report errors?	Package / Case	14-WFQFN Exposed Pad
		Report errors?

74LCX08BQX 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 SUARANTEE

Service Guarantees

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

74LCX08BQX Payment Methods



74LCX08BQX Shipping Methods



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