



74LVC08AD-Q100,118 Information



For Reference Only

Part Number 74LVC08AD-Q100,118

Manufacturer Nexperia USA Inc.

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE AND 4CH 2-INP 14-SO **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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74LVC08AD-Q100,118 Specifications

Manufacturer Part Number 74LVC08AD-Q100,118 Manufacturer Nexperia USA Inc. Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-SOIC (0.154", 3.90mm Width) Series 74LVC Logic Type AND Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 1.2 V ~ 3.6 V Current - Quiescent (Max) 40μA Current - Output High, Low 24mA, 24mA Logic Level - Low 0.12 V ~ 0.8 V Logic Level - High 1.08 V ~ 2 V Max Propagation Delay @ V, Max CL 4.1ns @ 3.3V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width) Report errors?		
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Features-Voltage - Supply $1.2 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $40\mu\text{A}$ Current - Output High, Low 24mA , 24mA Logic Level - Low $0.12 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.08 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL 4.1ns @ 3.3V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-SOIC (0.154° , 3.90mm Width)	Number of Circuits	4
Voltage - Supply $1.2 \text{ V} \sim 3.6 \text{ V}$ $\text{Current - Quiescent (Max)} \qquad 40 \mu \text{A}$ $\text{Current - Output High, Low} \qquad 24 \text{mA, } 24 \text{mA}$ $\text{Logic Level - Low} \qquad 0.12 \text{ V} \sim 0.8 \text{ V}$ $\text{Logic Level - High} \qquad 1.08 \text{ V} \sim 2 \text{ V}$ $\text{Max Propagation Delay @ V, Max CL}} \qquad 4.1 \text{ns @ } 3.3 \text{ V, } 50 \text{pF}}$ $\text{Operating Temperature}} \qquad -40^{\circ}\text{C} \sim 125^{\circ}\text{C}}$ $\text{Mounting Type} \qquad \text{Surface Mount}}$ $\text{Supplier Device Package}} \qquad 14-\text{SO}$ $\text{Package / Case}} \qquad 14-\text{SOIC (0.154", } 3.90 \text{mm Width)}}$	Number of Inputs	2
Current - Quiescent (Max) $40\mu A$ $24mA$, $24mA$	Features	-
Current - Output High, Low 24mA , 24mA Logic Level - Low $0.12 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.08 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL $4.1\text{ns } @ 3.3\text{V}$, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14-\text{SO}$ Package / Case $14-\text{SOIC } (0.154", 3.90\text{mm Width})$	Voltage - Supply	1.2 V ~ 3.6 V
Logic Level - Low $0.12 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.08 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL 4.1ns @ 3.3V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14-\text{SO}$ Package / Case $14-\text{SOIC}$ (0.154 ", 3.90mm Width)	Current - Quiescent (Max)	40μΑ
Logic Level - High 1.08 V ~ 2 V Max Propagation Delay @ V, Max CL 4.1ns @ 3.3V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Current - Output High, Low	24mA, 24mA
Max Propagation Delay @ V, Max CL 4.1ns @ 3.3V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Logic Level - Low	0.12 V ~ 0.8 V
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Logic Level - High	1.08 V ~ 2 V
Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Max Propagation Delay @ V, Max CL	4.1ns @ 3.3V, 50pF
Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 125°C
Package / Case 14-SOIC (0.154", 3.90mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	14-SO
Report errors?	Package / Case	14-SOIC (0.154", 3.90mm Width)
		Report errors?

74LVC08AD-Q100,118 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.

74LVC08AD-Q100,118 Payment Methods



















74LVC08AD-Q100,118 Shipping Methods













If you have any question about 74LVC08AD-Q100,118, please do not hesitate to contact us!

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