



SN74LVC08ADT Information



For Reference Only

Part Number SN74LVC08ADT

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

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

For the pricing/inventory/lead time, please contact

us

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SN74LVC08ADT Specifications

Manufacturer SN74LVC08ADT Manufacturer Texas Instruments 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 1.65 V ~ 3.6 V Current - Quiescent (Max) 1μA 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 3.9ns @ 3.3V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)		
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Features $ \begin{array}{ccccccccccccccccccccccccccccccccccc$	Number of Circuits	4
Voltage - Supply $1.65 \text{ V} \sim 3.6 \text{ V}$ $\text{Current - Quiescent (Max)}$ $1 \mu \text{A}$ $\text{Current - Output High, Low}$ $24 \text{mA, } 24 \text{mA}$ Logic Level - Low $0.7 \text{ V} \sim 0.8 \text{ V}$ $\text{Logic Level - High}$ $1.7 \text{ V} \sim 2 \text{ V}$ $\text{Max Propagation Delay @ V, Max CL}$ $3.9 \text{ns @ } 3.3 \text{V, } 50 \text{pF}$ $\text{Operating Temperature}$ $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount $\text{Supplier Device Package}$ $14-\text{SOIC}$ Package / Case $14-\text{SOIC (0.154", } 3.90 \text{mm Width)}$	Number of Inputs	2
Current - Quiescent (Max) $1\mu A$ Current - Output High, Low $24mA, 24mA$ Logic Level - Low $0.7 \ V \sim 0.8 \ V$ Logic Level - High $1.7 \ V \sim 2 \ V$ Max Propagation Delay @ V, Max CL $3.9ns @ 3.3V, 50pF$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type $Surface \ Mount$ Supplier Device Package $14-SOIC$ Package / Case $14-SOIC \ (0.154'', 3.90mm \ Width)$	Features	-
Current - Output High, Low $24mA, 24mA$ Logic Level - Low $0.7 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.7 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL $3.9ns @ 3.3V, 50pF$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC $(0.154^{\circ}, 3.90mm \text{ Width})$	Voltage - Supply	1.65 V ~ 3.6 V
Logic Level - Low $0.7 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.7 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL 3.9ns @ 3.3 V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14-\text{SOIC}$ Package / Case $14-\text{SOIC}$ (0.154° , 3.90mm Width)	Current - Quiescent (Max)	1μΑ
Logic Level - High 1.7 V ~ 2 V Max Propagation Delay @ V, Max CL 3.9ns @ 3.3V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Current - Output High, Low	24mA, 24mA
Max Propagation Delay @ V, Max CL3.9ns @ 3.3V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOICPackage / Case14-SOIC (0.154", 3.90mm Width)	Logic Level - Low	0.7 V ~ 0.8 V
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Logic Level - High	1.7 V ~ 2 V
Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Max Propagation Delay @ V, Max CL	3.9ns @ 3.3V, 50pF
Supplier Device Package 14-SOIC 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-SOIC
Report errors?	Package / Case	14-SOIC (0.154", 3.90mm Width)
		Report errors?

SN74LVC08ADT 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.

SN74LVC08ADT Payment Methods



















SN74LVC08ADT Shipping Methods













If you have any question about SN74LVC08ADT, please do not hesitate to contact us!

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