



SN74ALS08DG4 Information



For Reference Only

Part Number SN74ALS08DG4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC 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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SN74ALS08DG4 Specifications

Manufacturer Part Number SN74ALS08DG4 Manufacturer Texas Instruments Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-SOIC (0.154", 3.90mm Width) Series 74ALS Logic Type AND Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 4.5 V ~ 5.5 V Current - Quiescent (Max) - Current - Output High, Low 400μA, 8mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL 14ns @ 5V, 50pF Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)		
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Features Voltage - Supply 4.5 V ~ 5.5 V Current - Quiescent (Max) - Current - Output High, Low Logic Level - Low Logic Level - High 2V Max Propagation Delay @ V, Max CL Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case - Current - Output High, Low 4.5 V ~ 5.5 V - Current - Output High, Low 400μA, 8mA 0.8V 14ns @ 5V, 50pF 0°C ~ 70°C Surface Mount 14ns @ 5V, 50pF 14-SOIC 14-SOIC 14-SOIC 14-SOIC 14-SOIC (0.154", 3.90mm Width)	Number of Circuits	4
Voltage - Supply Current - Quiescent (Max) Current - Output High, Low 400μA, 8mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 4.5 V ~ 5.5 V 4.6 V ~ 5.5 V 400μA, 8mA 2V 14ns @ 5V, 50pF Surface Mount 14ns @ 5V, 50pF 14-SOIC 14-SOIC 14-SOIC 14-SOIC (0.154", 3.90mm Width)	Number of Inputs	2
Current - Quiescent (Max) Current - Output High, Low 400μA, 8mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Features	-
Current - Output High, Low $400\mu A, 8mA$ Logic Level - Low $0.8V$ Logic Level - High $2V$ Max Propagation Delay @ V, Max CL $14ns$ @ 5V, 50pF Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ Mounting Type Surface Mount Supplier Device Package $14-SOIC$ Package / Case $14-SOIC$ $(0.154", 3.90mm$ Width)	Voltage - Supply	4.5 V ~ 5.5 V
Logic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL14ns @ 5V, 50pFOperating Temperature0°C ~ 70°CMounting TypeSurface MountSupplier Device Package14-SOICPackage / Case14-SOIC (0.154", 3.90mm Width)	Current - Quiescent (Max)	-
Logic Level - High Max Propagation Delay @ V, Max CL Operating Temperature O°C ~ 70°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Current - Output High, Low	400μA, 8mA
Max Propagation Delay @ V, Max CL Operating Temperature O°C ~ 70°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Logic Level - Low	0.8V
Operating Temperature0°C ~ 70°CMounting TypeSurface MountSupplier Device Package14-SOICPackage / Case14-SOIC (0.154", 3.90mm Width)	Logic Level - High	2V
Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Max Propagation Delay @ V, Max CL	14ns @ 5V, 50pF
Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Operating Temperature	0°C ~ 70°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?

SN74ALS08DG4 Guarantees



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We provide 90 days warranty. *

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Service Guarantees

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SN74ALS08DG4 Shipping Methods













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