



SN74LV08APWT Information



For Reference Only

Part Number SN74LV08APWT

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE AND 4CH 2-INP 14-TSSOP **Package** 14-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









SN74LV08APWT Specifications

Manufacturer SN74LV08APWT Manufacturer Texas Instruments Category Integrated Circuits (ICs) Logic - Gates and Inverters Logic - Gates and Inverters Package 14-TSSOP (0.173", 4.40mm Width) Series 74LV Logic Type AND Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 5.5 V Current - Quiescent (Max) 20μA Current - Output High, Low 12mA, 12mA Logic Level - Low 0.5V Logic Level - High 1.5V Max Propagation Delay @ V, Max CL 7.9ns @ 5V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)		
CategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage14-TSSOP (0.173", 4.40mm Width)Series74LVLogic TypeAND GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)20μACurrent - Output High, Low12mA, 12mALogic Level - Low0.5VLogic Level - High1.5VMax Propagation Delay @ V, Max CL7.9ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	Manufacturer Part Number	SN74LV08APWT
Package 14-TSSOP (0.173", 4.40mm Width) Series 74LV Logic Type AND Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 5.5 V Current - Quiescent (Max) 20μA Current - Output High, Low 12mA, 12mA Logic Level - Low 0.5V Logic Level - High 1.5V Max Propagation Delay @ V, Max CL 7.9ns @ 5V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Manufacturer	Texas Instruments
Package 14-TSSOP (0.173", 4.40mm Width) Series 74LV Logic Type AND Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 5.5 V Current - Quiescent (Max) 20μA Current - Output High, Low 12mA, 12mA Logic Level - Low 0.5V Logic Level - High 1.5V Max Propagation Delay @ V, Max CL 7.9ns @ 5V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Category	Integrated Circuits (ICs)
Series 74LV Logic Type AND Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 5.5 V Current - Quiescent (Max) 20μA Current - Output High, Low 12mA, 12mA Logic Level - Low 0.5V Logic Level - High 1.5V Max Propagation Delay @ V, Max CL 7.9ns @ 5V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)		Logic - Gates and Inverters
Logic TypeAND GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)20μACurrent - Output High, Low12mA, 12mALogic Level - Low0.5VLogic Level - High1.5VMax Propagation Delay @ V, Max CL7.9ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	Package	14-TSSOP (0.173", 4.40mm Width)
Number of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)20μACurrent - Output High, Low12mA, 12mALogic Level - Low0.5 VLogic Level - High1.5 VMax Propagation Delay @ V, Max CL7.9ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	Series	74LV
Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)20μACurrent - Output High, Low12mA, 12mALogic Level - Low0.5VLogic Level - High1.5VMax Propagation Delay @ V, Max CL7.9ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	Logic Type	AND Gate
Features Voltage - Supply 2 V ~ 5.5 V Current - Quiescent (Max) Current - Output High, Low 12mA, 12mA Logic Level - Low 0.5V Logic Level - High 1.5V Max Propagation Delay @ V, Max CL Operating Temperature 7.9ns @ 5V, 50pF Operating Type Surface Mount Supplier Device Package Package / Case 14-TSSOP (0.173", 4.40mm Width)	Number of Circuits	4
Voltage - Supply $2\ V \sim 5.5\ V$ $Current - Quiescent (Max) \\ 20\mu A$ $Current - Output High, Low \\ 12mA, 12mA \\ Logic Level - Low \\ 0.5V \\ Logic Level - High \\ 1.5V \\ Max Propagation Delay @ V, Max CL \\ Operating Temperature -40^{\circ}C \sim 125^{\circ}C \\ Mounting Type \\ Surface Mount \\ Supplier Device Package \\ Package / Case 14-TSSOP (0.173", 4.40mm Width) $	Number of Inputs	2
Current - Quiescent (Max) Current - Output High, Low 12mA, 12mA Logic Level - Low 0.5V Logic Level - High 1.5V Max Propagation Delay @ V, Max CL 7.9ns @ 5V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Features	-
Current - Output High, Low Logic Level - Low 0.5V Logic Level - High 1.5V Max Propagation Delay @ V, Max CL 7.9ns @ 5V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Voltage - Supply	2 V ~ 5.5 V
Logic Level - Low0.5VLogic Level - High1.5VMax Propagation Delay @ V, Max CL7.9ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	Current - Quiescent (Max)	20μΑ
Logic Level - High Max Propagation Delay @ V, Max CL 7.9ns @ 5V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Current - Output High, Low	12mA, 12mA
Max Propagation Delay @ V, Max CL7.9ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	Logic Level - Low	0.5V
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Logic Level - High	1.5V
Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Max Propagation Delay @ V, Max CL	7.9ns @ 5V, 50pF
Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Operating Temperature	-40°C ~ 125°C
Package / Case 14-TSSOP (0.173", 4.40mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	14-TSSOP
Report errors?	Package / Case	14-TSSOP (0.173", 4.40mm Width)
		Report errors?

SN74LV08APWT 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.

SN74LV08APWT Payment Methods



















SN74LV08APWT Shipping Methods













If you have any question about SN74LV08APWT, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com