



NLV74HC08ADR2G Information



For Reference Only

Part Number NLV74HC08ADR2G

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE AND 2INPUT 14SOIC **Package** 14-SOIC (0.154", 3.90mm 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.









NLV74HC08ADR2G Specifications

Manufacturer Part Number NLV74HC08ADR2G Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-SOIC (0.154", 3.90mm Width) Series Automotive, AEC-Q100, 74HC Logic Type AND Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 6 V Current - Quiescent (Max) 1μA Current - Output High, Low 5.2mA, 5.2mA Logic Level - Low 0.5 V ~ 1.8 V Logic Level - High 1.5 V ~ 4.2 V Max Propagation Delay @ V, Max CL 19ns @ 6V, 50pF Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)		
Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-SOIC (0.154", 3.90mm Width) Series Automotive, AEC-Q100, 74HC Logic Type AND Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 6 V Current - Quiescent (Max) 1μA Current - Output High, Low 5.2mA, 5.2mA Logic Level - Low 0.5 V ~ 1.8 V Logic Level - High 1.5 V ~ 4.2 V Max Propagation Delay @ V, Max CL 19ns @ 6V, 50pF Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	NLV74HC08ADR2G
Package 14-SOIC (0.154", 3.90mm Width) Series Automotive, AEC-Q100, 74HC Logic Type AND Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 6 V Current - Quiescent (Max) 1μA Current - Output High, Low 5.2mA, 5.2mA Logic Level - Low 0.5 V ~ 1.8 V Logic Level - High 1.5 V ~ 4.2 V Max Propagation Delay @ V, Max CL 19ns @ 6V, 50pF Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Manufacturer	ON Semiconductor
Package14-SOIC (0.154", 3.90mm Width)SeriesAutomotive, AEC-Q100, 74HCLogic TypeAND GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $1 \mu A$ Current - Output High, Low $5.2 \text{mA}, 5.2 \text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $19 \text{ns} \text{ @ 6V}, 50 \text{pF}$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14-\text{SOIC}$ Package / Case $14-\text{SOIC}$ (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)
SeriesAutomotive, AEC-Q100, 74HCLogic TypeAND GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)1μACurrent - Output High, Low5.2mA, 5.2mALogic Level - Low0.5 V ~ 1.8 VLogic Level - High1.5 V ~ 4.2 VMax Propagation Delay @ V, Max CL19ns @ 6V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOICPackage / Case14-SOIC (0.154", 3.90mm Width)		Logic - Gates and Inverters
Logic TypeAND GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)1μACurrent - Output High, Low5.2mA, 5.2mALogic Level - Low0.5 V ~ 1.8 VLogic Level - High1.5 V ~ 4.2 VMax Propagation Delay @ V, Max CL19ns @ 6V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOICPackage / Case14-SOIC (0.154", 3.90mm Width)	Package	14-SOIC (0.154", 3.90mm Width)
Number of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)1μACurrent - Output High, Low5.2mA, 5.2mALogic Level - Low0.5 V ~ 1.8 VLogic Level - High1.5 V ~ 4.2 VMax Propagation Delay @ V, Max CL19ns @ 6V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOICPackage / Case14-SOIC (0.154", 3.90mm Width)	Series	Automotive, AEC-Q100, 74HC
Number of Inputs 2 Features - Voltage - Supply 2 $V \sim 6 V$ Current - Quiescent (Max) 1 μ A Current - Output High, Low 5.2mA, 5.2mA Logic Level - Low 0.5 $V \sim 1.8 V$ Logic Level - High 1.5 $V \sim 4.2 V$ Max Propagation Delay @ V , Max CL 19ns @ $V \sim 1.8 V$ Operating Temperature -55°C ~ 125 °C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Logic Type	AND Gate
Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $1 \mu A$ Current - Output High, Low $5.2 \text{mA}, 5.2 \text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $19 \text{ns} @ 6 \text{V}, 50 \text{pF}$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14-\text{SOIC}$ Package / Case $14-\text{SOIC} (0.154", 3.90 \text{mm Width})$	Number of Circuits	4
Voltage - Supply $2\ V \sim 6\ V$ Current - Quiescent (Max) $1\mu A$ Current - Output High, Low $5.2mA, 5.2mA$ $Logic \ Level - Low \\ 0.5\ V \sim 1.8\ V$ $Logic \ Level - High \\ 1.5\ V \sim 4.2\ V$ Max Propagation Delay @ V, Max CL $19ns\ @ 6V, 50pF$ Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$ Mounting Type $Surface\ Mount$ Supplier Device Package $14-SOIC$ $Package\ / Case$ $14-SOIC\ (0.154", 3.90mm\ Width)$	Number of Inputs	2
Current - Quiescent (Max) $ 1\mu A $ Current - Output High, Low $ 5.2mA, 5.2mA $ Logic Level - Low $ 0.5 \text{ V} \sim 1.8 \text{ V} $ Logic Level - High $ 1.5 \text{ V} \sim 4.2 \text{ V} $ Max Propagation Delay @ V, Max CL $ 19ns @ 6V, 50pF $ Operating Temperature $ -55^{\circ}C \sim 125^{\circ}C $ Mounting Type $ Surface Mount $ Supplier Device Package $ 14-SOIC $ Package / Case $ 14-SOIC (0.154^{\circ}, 3.90mm \text{ Width}) $	Features	-
Current - Output High, Low 5.2mA , 5.2mA Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL 19ns @ 6V , 50pF Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-SOIC Package / Case 14-SOIC (0.154 ", 3.90mm Width)	Voltage - Supply	2 V ~ 6 V
Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL 19ns @ 6V, 50pF Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-SOIC Package / Case 14-SOIC (0.154° , 3.90mm Width)	Current - Quiescent (Max)	1μA
Logic Level - High 1.5 V ~ 4.2 V Max Propagation Delay @ V, Max CL 19ns @ 6V, 50pF Operating Temperature -55°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	5.2mA, 5.2mA
Max Propagation Delay @ V, Max CL 19ns @ 6V, 50pF Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Logic Level - Low	0.5 V ~ 1.8 V
Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Logic Level - High	1.5 V ~ 4.2 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	19ns @ 6V, 50pF
Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Operating Temperature	-55°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?

NLV74HC08ADR2G 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.

NLV74HC08ADR2G Payment Methods



















NLV74HC08ADR2G Shipping Methods













If you have any question about NLV74HC08ADR2G, please do not hesitate to contact us!

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