



## **NLVHC32ADR2G** Information



For Reference Only

Part Number NLVHC32ADR2G

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC GATE OR 4CH 2-INP 14-SOIC **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



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## **NLVHC32ADR2G Specifications**

Manufacturer Part Number         NLVHC32ADR2G           Manufacturer         ON Semiconductor           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-SOIC (0.154", 3.90mm Width)           Series         Automotive, AEC-Q100           Logic Type         OR 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         13ns @ 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)           Package         14-SOIC (0.154", 3.90mm Width)           Series         Automotive, AEC-Q100           Logic Type         OR 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         13ns @ 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	NLVHC32ADR2G
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Package $14\text{-SOIC}$ (0.154", 3.90mm Width)SeriesAutomotive, AEC-Q100Logic TypeOR 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 $13 \text{ns} \approx 6 \text{ V}, 50 \text{pF}$ 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", 3.90mm Width)	Category	Integrated Circuits (ICs)
SeriesAutomotive, AEC-Q100Logic TypeOR 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 CL13ns @ 6V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOICPackage / Case14-SOIC (0.154", 3.90mm Width)		Logic - Gates and Inverters
Logic TypeOR 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 CL13ns @ 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)
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Number of Inputs 2 Features - 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 13ns @ $V \sim 1.8 V$ Operating Temperature -55°C $\sim 125$ °C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Logic Type	OR 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 $13 \text{ns} \otimes 6 \text{ V}, 50 \text{pF}$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14-\text{SOIC}$ Package / Case $14-\text{SOIC} (0.154^{\circ}, 3.90 \text{mm Width})$	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 $13ns\ @ 6V, 50pF$ 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 $ 13ns @ 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 \text{ Width}) $	Features	-
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 $13 \text{ns}$ @ 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 $14\text{-SOIC}$ ( $0.154\text{"}$ , $3.90 \text{mm}$ 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 $13\text{ns}$ @ 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 $14\text{-SOIC}$ ( $0.154^{\circ}$ , $3.90\text{mm}$ Width)	Current - Quiescent (Max)	$1\mu A$
Logic Level - High1.5 V ~ 4.2 VMax Propagation Delay @ V, Max CL13ns @ 6V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOICPackage / Case14-SOIC (0.154", 3.90mm Width)	Current - Output High, Low	5.2mA, 5.2mA
Max Propagation Delay @ V, Max CL  13ns @ 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	13ns @ 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?

### **NLVHC32ADR2G 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.

### **NLVHC32ADR2G Payment Methods**



















### **NLVHC32ADR2G Shipping Methods**













If you have any question about NLVHC32ADR2G, please do not hesitate to contact us!

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