



### **NLV74HCT14ADG Information**



For Reference Only

Part Number NLV74HCT14ADG

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC HEX SCHMITT TRIG INV 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



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### **NLV74HCT14ADG Specifications**

Manufacturer Part Number         NLV74HCT14ADG           Manufacturer         ON Semiconductor           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-SOIC (0.154", 3.90mm Width)           Series         Automotive, AEC-Q100, 74HCT           Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         Schmitt Trigger           Voltage - Supply         4.5 V ~ 5.5 V           Current - Quiescent (Max)         1μA           Current - Output High, Low         4mA, 4mA           Logic Level - Low         0.5 V ~ 0.6 V           Logic Level - High         1.9 V ~ 2.1 V           Max Propagation Delay @ V, Max CL         32ns @ 5V, 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)		
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Number of Inputs 6 Features Schmitt Trigger  Voltage - Supply 4.5 V ~ 5.5 V  Current - Quiescent (Max) 1 $\mu$ A  Current - Output High, Low 4mA, 4mA  Logic Level - Low 0.5 V ~ 0.6 V  Logic Level - High 1.9 V ~ 2.1 V  Max Propagation Delay @ V, Max CL 32ns @ 5V, 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 Type	Inverter
FeaturesSchmitt TriggerVoltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $1\mu\text{A}$ Current - Output High, Low $4\text{mA}$ , $4\text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 0.6 \text{ V}$ Logic Level - High $1.9 \text{ V} \sim 2.1 \text{ V}$ Max Propagation Delay @ V, Max CL $32\text{ns}$ @ $5\text{V}$ , $50\text{pF}$ 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	6
Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $1\mu A$ Current - Output High, Low $4\text{mA, 4mA}$ Logic Level - Low $0.5 \text{ V} \sim 0.6 \text{ V}$ Logic Level - High $1.9 \text{ V} \sim 2.1 \text{ V}$ Max Propagation Delay @ V, Max CL $32\text{ns @ 5V, 50pF}$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type $5\text{urface Mount}$ Supplier Device Package $14\text{-SOIC}$ Package / Case $14\text{-SOIC (0.154", 3.90mm Width)}$	Number of Inputs	6
Current - Quiescent (Max) $1\mu A$ Current - Output High, Low $4mA, 4mA$ Logic Level - Low $0.5 \ V \sim 0.6 \ V$ Logic Level - High $1.9 \ V \sim 2.1 \ V$ Max Propagation Delay @ V, Max CL $32ns \ @ 5V, 50pF$ Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$ Mounting Type $Surface \ Mount$ Supplier Device Package $14-SOIC$ Package / Case $14-SOIC \ (0.154'', 3.90mm \ Width)$	Features	Schmitt Trigger
Current - Output High, Low $4mA$ , $4mA$ Logic Level - Low $0.5 \text{ V} \sim 0.6 \text{ V}$ Logic Level - High $1.9 \text{ V} \sim 2.1 \text{ V}$ Max Propagation Delay @ V, Max CL $32ns @ 5V$ , $50pF$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Supplier Device Package $14\text{-SOIC}$ Package / Case $14\text{-SOIC}$ $(0.154^{\circ}\text{H}, 3.90mm \text{ Width})$	Voltage - Supply	4.5 V ~ 5.5 V
Logic Level - Low $0.5 \text{ V} \sim 0.6 \text{ V}$ Logic Level - High $1.9 \text{ V} \sim 2.1 \text{ V}$ Max Propagation Delay @ V, Max CL $32\text{ns}$ @ $5\text{V}$ , $50\text{pF}$ 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)	Current - Quiescent (Max)	1μA
Logic Level - High1.9 V ~ 2.1 VMax Propagation Delay @ V, Max CL32ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOICPackage / Case14-SOIC (0.154", 3.90mm Width)	Current - Output High, Low	4mA, 4mA
Max Propagation Delay @ V, Max CL32ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOICPackage / Case14-SOIC (0.154", 3.90mm Width)	Logic Level - Low	0.5 V ~ 0.6 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	1.9 V ~ 2.1 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	32ns @ 5V, 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?

### **NLV74HCT14ADG 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.

### **NLV74HCT14ADG Payment Methods**



















## **NLV74HCT14ADG Shipping Methods**













If you have any question about NLV74HCT14ADG, please do not hesitate to contact us!

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