



### **SN74ALVC14D Information**



For Reference Only

Part Number SN74ALVC14D

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC INVERTER HEX SCH-TRIG 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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# **Certified Quality**

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### **SN74ALVC14D Specifications**

Manufacturer         SN74ALVC14D           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-SOIC (0.154", 3.90mm Width)           Series         74ALVC           Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         Schmitt Trigger           Voltage - Supply         2.3 V ~ 3.6 V           Current - Quiescent (Max)         10μA           Current - Output High, Low         24mA, 24mA           Logic Level - Low         0.35 V ~ 0.8 V           Logic Level - High         1.7 V ~ 2 V           Max Propagation Delay @ V, Max CL         3.4ns @ 3.3V, 50pF           Operating Temperature         -40°C ~ 85°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 2.3 V ~ 3.6 V  Current - Quiescent (Max) 10 $\mu$ A  Current - Output High, Low 24mA, 24mA  Logic Level - Low 0.35 V ~ 0.8 V  Logic Level - High 1.7 V ~ 2 V  Max Propagation Delay @ V, Max CL 3.4ns @ 3.3V, 50pF  Operating Temperature -40°C ~ 85°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 $2.3 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $10\mu\text{A}$ Current - Output High, Low $24\text{mA}$ , $24\text{mA}$ Logic Level - Low $0.35 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.7 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL $3.4\text{ns}$ @ $3.3\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ 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 $ 2.3 \text{ V} \sim 3.6 \text{ V} $ $ \text{Current - Quiescent (Max)} $ $ 10 \mu \text{A} $ $ \text{Current - Output High, Low} $ $ 24 \text{mA, } 24 \text{mA} $ $ \text{Logic Level - Low} $ $ 0.35 \text{ V} \sim 0.8 \text{ V} $ $ \text{Logic Level - High} $ $ 1.7 \text{ V} \sim 2 \text{ V} $ $ \text{Max Propagation Delay @ V, Max CL} $ $ 3.4 \text{ns @ } 3.3 \text{V, } 50 \text{pF} $ $ \text{Operating Temperature} $ $ -40^{\circ}\text{C} \sim 85^{\circ}\text{C} $ $ \text{Mounting Type} $ $ \text{Surface Mount} $ $ \text{Supplier Device Package} $ $ 14-\text{SOIC} $ $ \text{Package / Case} $ $ 14-\text{SOIC (0.154", } 3.90 \text{mm Width)} $	Number of Inputs	6
Current - Quiescent (Max) $10\mu A$ Current - Output High, Low $24mA, 24mA$ Logic Level - Low $0.35 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.7 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL $3.4ns @ 3.3V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ 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 $24\text{mA}$ , $24\text{mA}$ Logic Level - Low $0.35 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.7 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL $3.4\text{ns}$ @ $3.3\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-SOIC}$ Package / Case $14\text{-SOIC}$ ( $0.154\text{"}$ , $3.90\text{mm}$ Width)	Voltage - Supply	2.3 V ~ 3.6 V
Logic Level - Low0.35 V ~ 0.8 VLogic Level - High1.7 V ~ 2 VMax Propagation Delay @ V, Max CL3.4ns @ 3.3V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-SOICPackage / Case14-SOIC (0.154", 3.90mm Width)	Current - Quiescent (Max)	10μΑ
Logic Level - High  1.7 V ~ 2 V  Max Propagation Delay @ V, Max CL  3.4ns @ 3.3V, 50pF  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-SOIC  Package / Case  14-SOIC (0.154", 3.90mm Width)	Current - Output High, Low	24mA, 24mA
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Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-SOIC  Package / Case  14-SOIC (0.154", 3.90mm Width)	Logic Level - High	1.7 V ~ 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	3.4ns @ 3.3V, 50pF
Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°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)
1		Report errors?

#### **SN74ALVC14D 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.

# **SN74ALVC14D Payment Methods**





















### **SN74ALVC14D Shipping Methods**













If you have any question about SN74ALVC14D, please do not hesitate to contact us!

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