



### **SN74AHC14PW Information**



For Reference Only

Part Number SN74AHC14PW
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description**IC HEX SCHMITT-TRIG INV 14-TSSOP**Package**14-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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## **SN74AHC14PW Specifications**

Manufacturer         SN74AHC14PW           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-TSSOP (0.173", 4.40mm Width)           Series         74AHC           Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         Schmitt Trigger           Voltage - Supply         2 V ~ 5.5 V           Current - Quiescent (Max)         1μA           Current - Output High, Low         8mA, 8mA           Logic Level - Low         0.9 V ~ 1.65 V           Logic Level - High         2.2 V ~ 3.85 V           Max Propagation Delay @ V, Max CL         10.6ns @ 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)           Logic - Gates and Inverters           Package         14-TSSOP (0.173", 4.40mm Width)           Series         74AHC           Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         Schmitt Trigger           Voltage - Supply         2 V ~ 5.5 V           Current - Quiescent (Max)         1μA           Current - Output High, Low         8mA, 8mA           Logic Level - Low         0.9 V ~ 1.65 V           Logic Level - High         2.2 V ~ 3.85 V           Max Propagation Delay @ V, Max CL         10.6ns @ 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 Part Number	SN74AHC14PW
Logic - Gates and InvertersPackage $14\text{-TSSOP}$ (0.173", $4.40\text{mm}$ Width)Series $74\text{AHC}$ Logic TypeInverterNumber of Circuits $6$ Number of Inputs $6$ FeaturesSchmitt TriggerVoltage - Supply $2 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $1 \mu A$ Current - Output High, Low $8 \text{mA}$ , $8 \text{mA}$ Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.2 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $10.6 \text{ns}$ @ $5 \text{ V}$ , $50 \text{pF}$ Operating Temperature $40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$ Package / Case $14\text{-TSSOP}$ (0.173", $4.40 \text{mm}$ Width)	Manufacturer	Texas Instruments
Package14-TSSOP (0.173", 4.40mm Width)Series74AHCLogic TypeInverterNumber of Circuits6Number of Inputs6FeaturesSchmitt TriggerVoltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)1μACurrent - Output High, Low8mA, 8mALogic Level - Low0.9 V ~ 1.65 VLogic Level - High2.2 V ~ 3.85 VMax Propagation Delay @ V, Max CL10.6ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	Category	Integrated Circuits (ICs)
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Number of Circuits6Number of Inputs6FeaturesSchmitt TriggerVoltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)1μACurrent - Output High, Low8mA, 8mALogic Level - Low0.9 V ~ 1.65 VLogic Level - High2.2 V ~ 3.85 VMax Propagation Delay @ V, Max CL10.6ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	Series	74AHC
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FeaturesSchmitt TriggerVoltage - Supply $2 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $1 \mu A$ Current - Output High, Low $8 m A, 8 m A$ Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.2 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $10.6 ns @ 5 \text{ V}, 50 p F$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$ Package / Case $14\text{-TSSOP}$ (0.173", 4.40mm Width)	Number of Circuits	6
Voltage - Supply	Number of Inputs	6
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Current - Output High, Low $8mA$ , $8mA$ Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.2 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $10.6ns @ 5V$ , $50pF$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$ Package / Case $14\text{-TSSOP} (0.173", 4.40mm \text{ Width})$	Voltage - Supply	2 V ~ 5.5 V
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Current - Quiescent (Max)	1μΑ
Logic Level - High2.2 V ~ 3.85 VMax Propagation Delay @ V, Max CL10.6ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	Current - Output High, Low	8mA, 8mA
Max Propagation Delay @ V, Max CL  10.6ns @ 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 Level - Low	0.9 V ~ 1.65 V
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	2.2 V ~ 3.85 V
Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Max Propagation Delay @ V, Max CL	10.6ns @ 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?

#### **SN74AHC14PW 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.

## **SN74AHC14PW Payment Methods**



















## **SN74AHC14PW Shipping Methods**













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