



#### **SN74AC14PWRG4 Information**



For Reference Only

Part Number SN74AC14PWRG4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC HEX SCMITT-TRIG INV 14-TSSOP **Package** 14-TSSOP (0.173", 4.40mm 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.









## **SN74AC14PWRG4** Specifications

Manufacturer         SN74AC14PWRG4           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-TSSOP (0.173", 4.40mm Width)           Series         74AC           Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         Schmitt Trigger           Voltage - Supply         2 V ~ 6 V           Current - Quiescent (Max)         2μA           Current - Output High, Low         24mA, 24mA           Logic Level - Low         0.5 V ~ 1.1 V           Logic Level - High         2.2 V ~ 3.9 V           Max Propagation Delay @ V, Max CL         10ns @ 5V, 50pF           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Supplier Device Package         14-TSSOP           Package / Case         14-TSSOP (0.173", 4.40mm Width)		
CategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage14-TSSOP (0.173", 4.40mm Width)Series74ACLogic TypeInverterNumber of Circuits6Number of Inputs6FeaturesSchmitt TriggerVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)2μACurrent - Output High, Low24mA, 24mALogic Level - Low0.5 V ~ 1.1 VLogic Level - High2.2 V ~ 3.9 VMax Propagation Delay @ V, Max CL10ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	Manufacturer Part Number	SN74AC14PWRG4
$\begin{array}{c} \text{Logic - Gates and Inverters} \\ \text{Package} & 14\text{-TSSOP (0.173", 4.40mm Width)} \\ \text{Series} & 74\text{AC} \\ \text{Logic Type} & \text{Inverter} \\ \text{Number of Circuits} & 6 \\ \text{Number of Inputs} & 6 \\ \text{Features} & \text{Schmitt Trigger} \\ \text{Voltage - Supply} & 2 \text{V} \sim 6 \text{V} \\ \text{Current - Quiescent (Max)} & 2\mu\text{A} \\ \text{Current - Output High, Low} & 24\text{mA}, 24\text{mA} \\ \text{Logic Level - Low} & 0.5 \text{V} \sim 1.1 \text{V} \\ \text{Logic Level - High} & 2.2 \text{V} \sim 3.9 \text{V} \\ \text{Max Propagation Delay @ V, Max CL} & 10\text{ns @ 5V, 50pF}} \\ \text{Operating Temperature} & 40^{\circ}\text{C} \sim 85^{\circ}\text{C} \\ \text{Mounting Type} & \text{Surface Mount} \\ \text{Supplier Device Package} & 14\text{-TSSOP} \\ \text{Package / Case} & 14\text{-TSSOP} & (0.173", 4.40\text{mm Width}) \\ \end{array}$	Manufacturer	Texas Instruments
Package         14-TSSOP (0.173", 4.40mm Width)           Series         74AC           Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         Schmitt Trigger           Voltage - Supply         2 V ~ 6 V           Current - Quiescent (Max)         2μA           Current - Output High, Low         24mA, 24mA           Logic Level - Low         0.5 V ~ 1.1 V           Logic Level - High         2.2 V ~ 3.9 V           Max Propagation Delay @ V, Max CL         10ns @ 5V, 50pF           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Supplier Device Package         14-TSSOP           Package / Case         14-TSSOP (0.173", 4.40mm Width)	Category	Integrated Circuits (ICs)
Series $74AC$ Logic TypeInverterNumber of Circuits6Number of Inputs6FeaturesSchmitt TriggerVoltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $24\text{mA}$ , $24\text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.1 \text{ V}$ Logic Level - High $2.2 \text{ V} \sim 3.9 \text{ V}$ Max Propagation Delay @ V, Max CL $10\text{ns @ 5V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$ Package / Case $14\text{-TSSOP}$ (0.173", 4.40mm Width)		Logic - Gates and Inverters
Logic Type  Number of Circuits  6  Number of Inputs  6  Features  Schmitt Trigger  Voltage - Supply  2 V ~ 6 V  Current - Quiescent (Max)  Current - Output High, Low  Logic Level - Low  Logic Level - High  2.2 V ~ 3.9 V  Max Propagation Delay @ V, Max CL  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  Inverter  Inverter  1 Inverter  1 0  1 0  1 0  1 0  1 0  1 0  1 0  1	Package	14-TSSOP (0.173", 4.40mm Width)
Number of Circuits6Number of Inputs6FeaturesSchmitt TriggerVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)2μACurrent - Output High, Low24mA, 24mALogic Level - Low0.5 V ~ 1.1 VLogic Level - High2.2 V ~ 3.9 VMax Propagation Delay @ V, Max CL10ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	Series	74AC
Number of Inputs6FeaturesSchmitt TriggerVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)2μACurrent - Output High, Low24mA, 24mALogic Level - Low0.5 V ~ 1.1 VLogic Level - High2.2 V ~ 3.9 VMax Propagation Delay @ V, Max CL10ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	Logic Type	Inverter
FeaturesSchmitt TriggerVoltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $24\text{mA}$ , $24\text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.1 \text{ V}$ Logic Level - High $2.2 \text{ V} \sim 3.9 \text{ V}$ Max Propagation Delay @ V, Max CL $10\text{ns}$ @ $5\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$ Package / Case $14\text{-TSSOP}$ (0.173", $4.40\text{mm}$ Width)	Number of Circuits	6
$\begin{tabular}{llll} Voltage - Supply & 2 \ V \sim 6 \ V \\ Current - Quiescent (Max) & 2 \mu A \\ Current - Output High, Low & 24 mA, 24 mA \\ Logic Level - Low & 0.5 \ V \sim 1.1 \ V \\ Logic Level - High & 2.2 \ V \sim 3.9 \ V \\ Max Propagation Delay @ V, Max CL & 10 ns @ 5 V, 50 pF \\ Operating Temperature & -40 ^{\circ}C \sim 85 ^{\circ}C \\ Mounting Type & Surface Mount \\ Supplier Device Package & 14-TSSOP \\ Package / Case & 14-TSSOP (0.173", 4.40 mm Width) \\ \end{tabular}$	Number of Inputs	6
Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $24mA, 24mA$ Logic Level - Low $0.5 \text{ V} \sim 1.1 \text{ V}$ Logic Level - High $2.2 \text{ V} \sim 3.9 \text{ V}$ Max Propagation Delay @ V, Max CL $10ns @ 5V, 50pF$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type $Surface \text{ Mount}$ Supplier Device Package $14\text{-TSSOP}$ Package / Case $14\text{-TSSOP} (0.173'', 4.40mm \text{ Width})$	Features	Schmitt Trigger
Current - Output High, Low $24\text{mA}$ , $24\text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.1 \text{ V}$ Logic Level - High $2.2 \text{ V} \sim 3.9 \text{ V}$ Max Propagation Delay @ V, Max CL $10\text{ns}$ @ $5\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$ Package / Case $14\text{-TSSOP}$ ( $0.173^{\circ}$ , $4.40\text{mm}$ Width)	Voltage - Supply	2 V ~ 6 V
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Current - Quiescent (Max)	2μΑ
Logic Level - High  2.2 V ~ 3.9 V  Max Propagation Delay @ V, Max CL  10ns @ 5V, 50pF  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-TSSOP  Package / Case  14-TSSOP (0.173", 4.40mm Width)	Current - Output High, Low	24mA, 24mA
Max Propagation Delay @ V, Max CL  10ns @ 5V, 50pF  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-TSSOP  Package / Case  14-TSSOP (0.173", 4.40mm Width)	Logic Level - Low	0.5 V ~ 1.1 V
Operating Temperature  -40°C ~ 85°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 ~ 3.9 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	10ns @ 5V, 50pF
Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Operating Temperature	-40°C ~ 85°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?

#### **SN74AC14PWRG4** 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.

### **SN74AC14PWRG4 Payment Methods**



















# **SN74AC14PWRG4 Shipping Methods**













If you have any question about SN74AC14PWRG4, please do not hesitate to contact us!

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