

# SN74HC86QPWRG4Q1

# SN74HC86QPWRG4Q1 Information



For Reference Only

Part NumberSN74HC86QPWRG4Q1ManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)

Logic - Gates and Inverters

**Description** IC GATE XOR 4CH 2-INP 14-TSSOP **Package** 14-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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### **SN74HC86QPWRG4Q1 Specifications**

Manufacturer Part Number  Manufacturer  Texas Instruments  Integrated Circuits (ICs)  Logic - Gates and Inverters  Package  14-TSSOP (0.173", 4.40mm Width)  Series  Automotive, AEC-Q100, 74HC  Logic Type  XOR (Exclusive OR)  Number of Circuits  4  Number of Inputs  2  Features  Voltage - Supply  2 V ~ 6 V  Current - Quiescent (Max)  Current - Output High, Low  Logic Level - Low  Logic Level - High  1.5 V ~ 4.2 V  Max Propagation Delay @ V, Max CL  Operating Temperature  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  14-TSSOP  Package / Case  Integrated Circuits  Texas Instruments  Logic Level Qircuits (ICs)  Logic - Gates and Inverters  Logic - Gates and Inverters  Voltage - Gates and Inverters  Automotive, AEC-Q100, 74HC  Automotic, Automotive, AeC-Q100, 74HC  Automotic, Automotic, Automotic, Automotic, Automotic, Automotic, Automotic, Automotic, Automotic, Aut		
Category       Integrated Circuits (ICs)         Logic - Gates and Inverters         Package       14-TSSOP (0.173", 4.40mm Width)         Series       Automotive, AEC-Q100, 74HC         Logic Type       XOR (Exclusive OR)         Number of Circuits       4         Number of Inputs       2         Features       -         Voltage - Supply       2 V ~ 6 V         Current - Quiescent (Max)       40μA         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       25ns @ 6V, 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	SN74HC86QPWRG4Q1
Logic - Gates and InvertersPackage $14\text{-TSSOP}$ (0.173", 4.40mm Width)SeriesAutomotive, AEC-Q100, 74HCLogic TypeXOR (Exclusive OR)Number of Circuits4Number of Inputs2Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $40\mu\text{A}$ 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 $25\text{ns}$ @ 6V, $50\text{pF}$ 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
Package       14-TSSOP (0.173", 4.40mm Width)         Series       Automotive, AEC-Q100, 74HC         Logic Type       XOR (Exclusive OR)         Number of Circuits       4         Number of Inputs       2         Features       -         Voltage - Supply       2 V ~ 6 V         Current - Quiescent (Max)       40μA         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       25ns @ 6V, 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)
SeriesAutomotive, AEC-Q100, 74HCLogic TypeXOR (Exclusive OR)Number of Circuits4Number of Inputs2Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $40\mu\text{A}$ 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 $25\text{ns}$ @ $6\text{V}$ , $50\text{pF}$ 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)		Logic - Gates and Inverters
Logic TypeXOR (Exclusive OR)Number of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)40μACurrent - Output High, Low5.2mA, 5.2mALogic Level - Low0.5 V ~ 1.8 VLogic Level - High1.5 V ~ 4.2 VMax Propagation Delay @ V, Max CL25ns @ 6V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	Package	14-TSSOP (0.173", 4.40mm Width)
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Features $ \begin{array}{c} - \\ \text{Voltage - Supply} \\ \text{Current - Quiescent (Max)} \\ \text{Current - Output High, Low} \\ \text{Logic Level - Low} \\ \text{Logic Level - High} \\ \text{Max Propagation Delay @ V, Max CL} \\ \text{Operating Temperature} \\ \text{Mounting Type} \\ \text{Surface Mount} \\ \text{Supplier Device Package} \\ \text{Package / Case} \\ \end{array} \begin{array}{c} - \\ \text{V \sim 6 V} \\ \text{40} \text{M} \\ \text{A0} \\ \text{Co. S. V \sim 1.8 V} \\ \text{Surface Mount} \\ \text{Supplier Device Package} \\ \text{14-TSSOP (0.173", 4.40mm Width)} \\ \end{array} $	Number of Circuits	4
Voltage - Supply $2\ V \sim 6\ V$ $Current - Quiescent (Max) \qquad 40\mu A$ $Current - Output High, Low \qquad 5.2mA, 5.2mA$ $Logic Level - Low \qquad 0.5\ V \sim 1.8\ V$ $Logic Level - High \qquad 1.5\ V \sim 4.2\ V$ $Max\ Propagation\ Delay\ @\ V,\ Max\ CL \qquad 25ns\ @\ 6V,\ 50pF$ $Operating\ Temperature \qquad -40^{\circ}C \sim 125^{\circ}C$ $Mounting\ Type \qquad Surface\ Mount$ $Supplier\ Device\ Package \qquad 14-TSSOP$ $Package\ /\ Case \qquad 14-TSSOP\ (0.173",\ 4.40mm\ Width)$	Number of Inputs	2
Current - Quiescent (Max) $40\mu A$ $Current$ - Output High, Low $5.2mA$ , $5.2mA$ $Logic Level$ - Low $0.5 V \sim 1.8 V$ $Logic Level$ - High $1.5 V \sim 4.2 V$ $Max Propagation Delay @ V, Max CL 25ns @ 6V, 50pF Operating Temperature -40^{\circ}C \sim 125^{\circ}C Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)$	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 $25\text{ns}$ @ 6V, $50\text{pF}$ 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)	Voltage - Supply	2 V ~ 6 V
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Logic Level - High  1.5 V ~ 4.2 V  Max Propagation Delay @ V, Max CL  25ns @ 6V, 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)	Current - Output High, Low	5.2mA, 5.2mA
Max Propagation Delay @ V, Max CL  25ns @ 6V, 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	0.5 V ~ 1.8 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	1.5 V ~ 4.2 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	25ns @ 6V, 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?

### SN74HC86QPWRG4Q1 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.

#### SN74HC86QPWRG4Q1 Payment Methods



















#### SN74HC86QPWRG4Q1 Shipping Methods













If you have any question about SN74HC86QPWRG4Q1, please do not hesitate to contact us!

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