



SN74AHC02PWE4 Information



For Reference Only

Part Number SN74AHC02PWE4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE NOR 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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SN74AHC02PWE4 Specifications

| Manufacturer SN74AHC02PWE4 Manufacturer Texas Instruments Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-TSSOP (0.173", 4.40mm Width) Series 74AHC Logic Type NOR Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 5.5 V Current - Quiescent (Max) 2 μA Current - Output High, Low 8mA, 8mA Logic Level - Low 0.5 V ~ 1.65 V Logic Level - High 1.5 V ~ 3.85 V Max Propagation Delay @ V, Max CL 8.5ns @ 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) | | |
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| Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-TSSOP (0.173", 4.40mm Width) Series 74AHC Logic Type NOR Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 5.5 V Current - Quiescent (Max) 2μA Current - Output High, Low 8mA, 8mA Logic Level - Low 0.5 V ~ 1.65 V Logic Level - High 1.5 V ~ 3.85 V Max Propagation Delay @ V, Max CL 8.5ns @ 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 | SN74AHC02PWE4 |
| $\begin{array}{c} \text{Logic - Gates and Inverters} \\ \text{Package} \\ \text{Series} \\ \text{74AHC} \\ \text{Logic Type} \\ \text{NOR Gate} \\ \text{Number of Circuits} \\ \text{Aumber of Inputs} \\ \text{2} \\ \text{Features} \\ \text{Voltage - Supply} \\ \text{2 V} \sim 5.5 \text{ V} \\ \text{Current - Quiescent (Max)} \\ \text{Current - Output High, Low} \\ \text{Logic Level - Low} \\ \text{Logic Level - High} \\ \text{Max Propagation Delay @ V, Max CL} \\ \text{Operating Temperature} \\ \text{Mounting Type} \\ \text{Surface Mount} \\ \text{Supplier Device Package} \\ \text{Package / Case} \\ \text{14-TSSOP (0.173", 4.40mm Width)} \\ \end{array}$ | Manufacturer | Texas Instruments |
| Package 14-TSSOP (0.173", 4.40mm Width) Series 74AHC Logic Type NOR Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 5.5 V Current - Quiescent (Max) 2μA Current - Output High, Low 8mA, 8mA Logic Level - Low 0.5 V ~ 1.65 V Logic Level - High 1.5 V ~ 3.85 V Max Propagation Delay @ V, Max CL 8.5ns @ 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) |
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| Logic TypeNOR GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.5 V ~ 1.65 VLogic Level - High1.5 V ~ 3.85 VMax Propagation Delay @ V, Max CL8.5ns @ 5V, 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) |
| Number of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.5 V ~ 1.65 VLogic Level - High1.5 V ~ 3.85 VMax Propagation Delay @ V, Max CL8.5ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width) | Series | 74AHC |
| Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.5 V ~ 1.65 VLogic Level - High1.5 V ~ 3.85 VMax Propagation Delay @ V, Max CL8.5ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width) | Logic Type | NOR Gate |
| Features $ \begin{array}{ccccccccccccccccccccccccccccccccccc$ | Number of Circuits | 4 |
| Voltage - Supply $2\ V \sim 5.5\ V$ $Current - Quiescent (Max) 2\mu A Current - Output High, Low 8mA, 8mA Logic Level - Low \\ 0.5\ V \sim 1.65\ V Logic Level - High \\ Max Propagation Delay @ V, Max CL \\ Operating Temperature 40^{\circ}C \sim 125^{\circ}C Mounting Type \\ Surface Mount \\ Supplier Device Package 14\text{-TSSOP} 14\text{-TSSOP} (0.173", 4.40mm Width)$ | Number of Inputs | 2 |
| Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $8mA, 8mA$ Logic Level - Low $0.5 \ V \sim 1.65 \ V$ Logic Level - High $1.5 \ V \sim 3.85 \ V$ Max Propagation Delay @ V, Max CL $8.5ns \ @ 5V, 50pF$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type $Surface \ Mount$ Supplier Device Package $14-TSSOP$ Package / Case $14-TSSOP \ (0.173'', 4.40mm \ Width)$ | Features | - |
| Current - Output High, Low $8mA$, $8mA$ Logic Level - Low $0.5 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $8.5 \text{ns} \otimes 5 \text{V}$, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount $80 \text{mount} = 14 $ | Voltage - Supply | 2 V ~ 5.5 V |
| Logic Level - Low $0.5 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $8.5 \text{ns} \otimes 5 \text{V}, 50 \text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173° , 4.40mm Width) | Current - Quiescent (Max) | 2μΑ |
| Logic Level - High 1.5 V ~ 3.85 V Max Propagation Delay @ V, Max CL 8.5ns @ 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) | Current - Output High, Low | 8mA, 8mA |
| Max Propagation Delay @ V, Max CL8.5ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width) | Logic Level - Low | 0.5 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 | 1.5 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 | 8.5ns @ 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? |

SN74AHC02PWE4 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.

SN74AHC02PWE4 Payment Methods



















SN74AHC02PWE4 Shipping Methods













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