



SN74LV86APW Information



For Reference Only

Part Number SN74LV86APW

Manufacturer Texas Instruments

Category Integrated 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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SN74LV86APW Specifications

| Manufacturer Part Number SN74LV86APW Manufacturer Texas Instruments Category Integrated Circuits (ICs) Logic - Gates and Inverters Logic - Gates and Inverters Package 14-TSSOP (0.173", 4.40mm Width) Series 74LV Logic Type XOR (Exclusive OR) Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 5.5 V Current - Quiescent (Max) 20μA Current - Output High, Low 12mA, 12mA Logic Level - Low 0.5V Logic Level - High 1.5V Max Propagation Delay @ V, Max CL 8.8ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP | | |
|---|-----------------------------------|---------------------------------|
| CategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage14-TSSOP (0.173", 4.40mm Width)Series74LVLogic TypeXOR (Exclusive OR)Number of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 5.5 VCurrent - Quiescent (Max)20μACurrent - Output High, Low12mA, 12mALogic Level - Low0.5VLogic Level - High1.5VMax Propagation Delay @ V, Max CL8.8ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface Mount | Manufacturer Part Number | SN74LV86APW |
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| Number of Circuits Number of Inputs 2 Features - Voltage - Supply Current - Quiescent (Max) Current - Output High, Low 12mA, 12mA Logic Level - Low Logic Level - High 1.5V Max Propagation Delay @ V, Max CL Operating Temperature Mounting Type 4 Current - Quiescent (Max) 2 V ~ 5.5 V 2 U ~ 5.5 V 2 V ~ 5.5 V 2 OµA 12mA, 12mA 1.5V 8.8ns @ 5V, 50pF -40°C ~ 85°C Mounting Type | Series | 74LV |
| Number of Inputs2Features-Voltage - Supply $2 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $20\mu\text{A}$ Current - Output High, Low 12mA , 12mA Logic Level - Low 0.5V Logic Level - High 1.5V Max Propagation Delay @ V, Max CL 8.8ns @ 5V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface Mount | Logic Type | XOR (Exclusive OR) |
| $\begin{tabular}{lllllllllllllllllllllllllllllllllll$ | Number of Circuits | 4 |
| Voltage - Supply $2\ V \sim 5.5\ V$ $Current - Quiescent (Max) 20\mu A$ $Current - Output High, Low 12mA, 12mA$ $Logic Level - Low 0.5V$ $Logic Level - High 1.5V$ $Max Propagation Delay @ V, Max CL 8.8ns @ 5V, 50pF$ $Operating Temperature -40^{\circ}C \sim 85^{\circ}C$ $Mounting Type Surface Mount$ | Number of Inputs | 2 |
| Current - Quiescent (Max)20μACurrent - Output High, Low12mA, 12mALogic Level - Low0.5VLogic Level - High1.5VMax Propagation Delay @ V, Max CL8.8ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface Mount | Features | - |
| Current - Output High, Low Logic Level - Low 0.5V Logic Level - High 1.5V Max Propagation Delay @ V, Max CL Operating Temperature Mounting Type 12mA, 12mA 0.5V 8.8ns @ 5V, 50pF -40°C ~ 85°C Surface Mount | Voltage - Supply | 2 V ~ 5.5 V |
| Logic Level - Low0.5VLogic Level - High1.5VMax Propagation Delay @ V, Max CL8.8ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface Mount | Current - Quiescent (Max) | 20μΑ |
| Logic Level - High Max Propagation Delay @ V, Max CL 8.8ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount | Current - Output High, Low | 12mA, 12mA |
| Max Propagation Delay @ V, Max CL8.8ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface Mount | Logic Level - Low | 0.5V |
| Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount | Logic Level - High | 1.5V |
| Mounting Type Surface Mount | Max Propagation Delay @ V, Max CL | 8.8ns @ 5V, 50pF |
| | Operating Temperature | -40°C ~ 85°C |
| Supplier Device Package 14-TSSOP | Mounting Type | Surface Mount |
| | Supplier Device Package | 14-TSSOP |
| Package / Case 14-TSSOP (0.173", 4.40mm Width) | Package / Case | 14-TSSOP (0.173", 4.40mm Width) |
| Report errors? | | Report errors? |

SN74LV86APW 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.

SN74LV86APW Payment Methods



















SN74LV86APW Shipping Methods













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