



## 74AHCT86T14-13 Information



For Reference Only

Part Number 74AHCT86T14-13

Manufacturer Diodes Incorporated

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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# **Certified Quality**

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## 74AHCT86T14-13 Specifications

Manufacturer Part Number       74AHCT86T14-13         Manufacturer       Diodes Incorporated         Category       Integrated Circuits (ICs)         Logic - Gates and Inverters         Package       14-TSSOP (0.173", 4.40mm Width)         Series       74AHCT         Logic Type       XOR (Exclusive OR)         Number of Circuits       4         Number of Inputs       2         Features       -         Voltage - Supply       4.5 V ~ 5.5 V         Current - Quiescent (Max)       20μA         Current - Output High, Low       8mA, 8mA         Logic Level - Low       0.8V         Logic Level - High       2V         Max Propagation Delay @ V, Max CL       10ns @ 5V, 50pF         Operating Temperature       -40°C ~ 125°C         Mounting Type       Surface Mount         14 TSSOP       14 TSSOP		
Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-TSSOP (0.173", 4.40mm Width)           Series         74AHCT           Logic Type         XOR (Exclusive OR)           Number of Circuits         4           Number of Inputs         2           Features         -           Voltage - Supply         4.5 V ~ 5.5 V           Current - Quiescent (Max)         20μA           Current - Output High, Low         8mA, 8mA           Logic Level - Low         0.8V           Logic Level - High         2V           Max Propagation Delay @ V, Max CL         10ns @ 5V, 50pF           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount	Manufacturer Part Number	74AHCT86T14-13
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Series 74AHCT  Logic Type XOR (Exclusive OR)  Number of Circuits 4  Number of Inputs 2  Features - Voltage - Supply 4.5 V ~ 5.5 V  Current - Quiescent (Max) 20 $\mu$ A  Current - Output High, Low 8mA, 8mA  Logic Level - Low 0.8V  Logic Level - High 2V  Max Propagation Delay @ V, Max CL 10ns @ 5V, 50pF  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount		Logic - Gates and Inverters
Logic Type  XOR (Exclusive OR)  Number of Circuits  4  Number of Inputs  2  Features  - Voltage - Supply  4.5 V ~ 5.5 V  Current - Quiescent (Max)  Current - Output High, Low  8mA, 8mA  Logic Level - Low  0.8V  Logic Level - High  Max Propagation Delay @ V, Max CL  Operating Temperature  Mounting Type  XOR (Exclusive OR)  4  NOR (Exclusive OR)  4  NOR (Exclusive OR)  4  NOR (Exclusive OR)  4  NOR (Exclusive OR)  4  Non (Exclusive OR)  4  Non (Exclusive OR)  4  4  10  10  10  10  10  10  10  10	Package	14-TSSOP (0.173", 4.40mm Width)
Number of Circuits  Number of Inputs  2  Features  -  Voltage - Supply  Current - Quiescent (Max)  Current - Output High, Low  8mA, 8mA  Logic Level - Low  Logic Level - High  2V  Max Propagation Delay @ V, Max CL  Operating Temperature  Mounting Type  4.5 V ~ 5.5 V  20µA  8mA, 8mA  0.8V  10ns @ 5V, 50pF  -40°C ~ 125°C  Mounting Type  Surface Mount	Series	74AHCT
Number of Inputs 2  Features  Voltage - Supply 4.5 V ~ 5.5 V  Current - Quiescent (Max) 20 $\mu$ A  Current - Output High, Low 8mA, 8mA  Logic Level - Low 0.8V  Logic Level - High 2V  Max Propagation Delay @ V, Max CL 10ns @ 5V, 50pF  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount	Logic Type	XOR (Exclusive OR)
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Number of Circuits	4
Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ $\text{Current - Quiescent (Max)}$ $20 \mu \text{A}$ $\text{Current - Output High, Low}$ $8 \text{mA, 8mA}$ $\text{Logic Level - Low}$ $0.8 \text{V}$ $\text{Logic Level - High}$ $2 \text{V}$ $\text{Max Propagation Delay @ V, Max CL}$ $10 \text{ns @ 5V, 50pF}$ $\text{Operating Temperature}$ $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ $\text{Mounting Type}$ $\text{Surface Mount}$	Number of Inputs	2
Current - Quiescent (Max) $20\mu A$ Current - Output High, Low $8mA$ , $8mA$ $0.8V$ Logic Level - Low $0.8V$ Logic Level - High $2V$ Max Propagation Delay @ V, Max CL $10ns @ 5V$ , $50pF$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount	Features	-
Current - Output High, Low  Logic Level - Low  0.8V  Logic Level - High  2V  Max Propagation Delay @ V, Max CL  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount	Voltage - Supply	4.5 V ~ 5.5 V
Logic Level - Low $0.8V$ Logic Level - High $2V$ Max Propagation Delay @ V, Max CL $10ns @ 5V, 50pF$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface Mount	Current - Quiescent (Max)	20μΑ
Logic Level - High2VMax Propagation Delay @ V, Max CL10ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Current - Output High, Low	8mA, 8mA
Max Propagation Delay @ V, Max CL  10ns @ 5V, 50pF  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount	Logic Level - Low	0.8V
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount	Logic Level - High	2V
Mounting Type Surface Mount	Max Propagation Delay @ V, Max CL	10ns @ 5V, 50pF
8 - 71	Operating Temperature	-40°C ~ 125°C
0 1' D ' D 1	Mounting Type	Surface Mount
Supplier Device Package 14-15SOP	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?

#### 74AHCT86T14-13 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.

## 74AHCT86T14-13 Payment Methods



















### 74AHCT86T14-13 Shipping Methods













If you have any question about 74AHCT86T14-13, please do not hesitate to contact us!

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