



74VHC14MX Information

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Part Number 74VHC14MX

Manufacturer Fairchild/ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC INVERTER HEX SCHMITT 14-SOIC

Package 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



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74VHC14MX Specifications

Manufacturer Part Number 74VHC14MX Manufacturer Fairchild/ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Logic - Gates and Inverters Package 14-SOIC (0.154", 3.90mm Width) Series 74VHC Logic Type Inverter Number of Circuits 6 Number of Inputs 6 Features Schmitt Trigger Voltage - Supply 2 V ~ 5.5 V Current - Quiescent (Max) 2μA Current - Output High, Low 8mA, 8mA Logic Level - Low 0.9 V ~ 1.65 V Logic Level - High 2.2 V ~ 3.85 V Max Propagation Delay @ V, Max CL 10.6ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC		
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$\begin{array}{c} \text{Logic - Gates and Inverters} \\ \text{Package} \\ \text{Series} \\ \text{14-SOIC } (0.154", 3.90 \text{mm Width}) \\ \text{Series} \\ \text{74VHC} \\ \text{Logic Type} \\ \text{Inverter} \\ \text{Number of Circuits} \\ \text{6} \\ \text{Number of Inputs} \\ \text{6} \\ \text{Features} \\ \text{Schmitt Trigger} \\ \text{Voltage - Supply} \\ \text{2 V} \sim 5.5 \text{ V} \\ \text{Current - Quiescent } (\text{Max}) \\ \text{Current - Output High, Low} \\ \text{8mA, 8mA} \\ \text{Logic Level - Low} \\ \text{Logic Level - High} \\ \text{Max Propagation Delay @ V, Max CL} \\ \text{Operating Temperature} \\ \text{40°C} \sim 85^{\circ}\text{C} \\ \text{Mounting Type} \\ \text{Surface Mount} \\ \text{Supplier Device Package} \\ \text{14-SOIC} \\ \end{array}$	Manufacturer	Fairchild/ON Semiconductor
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Features Schmitt Trigger Voltage - Supply $2 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low 8mA, 8mA Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.2 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $10.6\text{ns} \approx 5\text{V}$, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Supplier Device Package 14-SOIC	Number of Circuits	6
Voltage - Supply $2\ V \sim 5.5\ V$ $Current - Quiescent (Max) \qquad 2\mu A$ $Current - Output High, Low \qquad 8mA, 8mA$ $Logic Level - Low \qquad 0.9\ V \sim 1.65\ V$ $Logic Level - High \qquad 2.2\ V \sim 3.85\ V$ $Max\ Propagation\ Delay\ @\ V,\ Max\ CL \qquad 10.6ns\ @\ 5V,\ 50pF$ $Operating\ Temperature \qquad -40^{\circ}C \sim 85^{\circ}C$ $Mounting\ Type \qquad Surface\ Mount$ $Supplier\ Device\ Package \qquad 14-SOIC$	Number of Inputs	6
Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $8mA$, $8mA$ Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.2 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $10.6ns \otimes 5V$, $50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount Supplier Device Package 14-SOIC	Features	Schmitt Trigger
Current - Output High, Low 8mA, 8mA Logic Level - Low 0.9 V ~ 1.65 V Logic Level - High 2.2 V ~ 3.85 V Max Propagation Delay @ V, Max CL 10.6ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-SOIC	Voltage - Supply	2 V ~ 5.5 V
Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.2 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL 10.6ns @ 5V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-SOIC	Current - Quiescent (Max)	2μΑ
Logic Level - High2.2 V ~ 3.85 VMax Propagation Delay @ V, Max CL10.6ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-SOIC	Current - Output High, Low	8mA, 8mA
Max Propagation Delay @ V, Max CL10.6ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-SOIC	Logic Level - Low	0.9 V ~ 1.65 V
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-SOIC	Logic Level - High	2.2 V ~ 3.85 V
Mounting Type Surface Mount Supplier Device Package 14-SOIC	Max Propagation Delay @ V, Max CL	10.6ns @ 5V, 50pF
Supplier Device Package 14-SOIC	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
Packaga / Casa 14 SOIC (0.154" 2.00mm Width)	Supplier Device Package	14-SOIC
14-5OIC (0.134, 3.5011111 WIGH)	Package / Case	14-SOIC (0.154", 3.90mm Width)
Report errors?		Report errors?

74VHC14MX 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.

74VHC14MX Payment Methods



















74VHC14MX Shipping Methods













If you have any question about 74VHC14MX, please do not hesitate to contact us!

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