

MC74VHC14DTR2

MC74VHC14DTR2 Information



For Reference Only

Part Number MC74VHC14DTR2

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC INVERTER HEX SCHMITT 14TSSOP

Package 14-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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



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MC74VHC14DTR2 Specifications

Manufacturer MC74VHC14DTR2 Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Logic - Gates and Inverters Package 14-TSSOP (0.173", 4.40mm 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 -55°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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FeaturesSchmitt TriggerVoltage - 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 10.6ns @ 5V , 50pF Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Number of Circuits	6
$\begin{tabular}{llll} Voltage - Supply & 2 \ V \sim 5.5 \ V \\ Current - Quiescent (Max) & 2 \mu A \\ Current - Output High, Low & 8mA, 8mA \\ Logic Level - Low & 0.9 \ V \sim 1.65 \ V \\ Logic Level - High & 2.2 \ V \sim 3.85 \ V \\ Max Propagation Delay @ V, Max CL & 10.6ns @ 5V, 50pF \\ Operating Temperature & -55^{\circ}C \sim 125^{\circ}C \\ Mounting Type & Surface Mount \\ Supplier Device Package & 14-TSSOP \\ Package / Case & 14-TSSOP (0.173", 4.40mm Width) \\ \end{tabular}$	Number of Inputs	6
Current - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.9 V ~ 1.65 VLogic Level - High2.2 V ~ 3.85 VMax Propagation Delay @ V, Max CL10.6ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	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 -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Voltage - Supply	2 V ~ 5.5 V
Logic Level - Low0.9 V ~ 1.65 VLogic Level - High2.2 V ~ 3.85 VMax Propagation Delay @ V, Max CL10.6ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	Current - Quiescent (Max)	2μΑ
Logic Level - High2.2 V ~ 3.85 VMax Propagation Delay @ V, Max CL10.6ns @ 5V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	Current - Output High, Low	8mA, 8mA
Max Propagation Delay @ V, Max CL 10.6ns @ 5V, 50pF Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Logic Level - Low	0.9 V ~ 1.65 V
Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Logic Level - High	2.2 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	10.6ns @ 5V, 50pF
Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Operating Temperature	-55°C ~ 125°C
Package / Case 14-TSSOP (0.173", 4.40mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	14-TSSOP
Donost arrows	Package / Case	14-TSSOP (0.173", 4.40mm Width)
Report errors?		Report errors?

MC74VHC14DTR2 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.

MC74VHC14DTR2 Payment Methods



















MC74VHC14DTR2 Shipping Methods













If you have any question about MC74VHC14DTR2, please do not hesitate to contact us!

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