



74VHC132MTCX Information



For Reference Only

Part Number 74VHC132MTCX

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE NAND SCHMITT 4CH 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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74VHC132MTCX Specifications

Manufacturer 74VHC132MTCX Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-TSSOP (0.173", 4.40mm Width) Series 74VHC Logic Type NAND Gate Number of Circuits 4 Number of Inputs 2 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 9.7ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)		
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Logic Type Nand Gate Number of Circuits 4 Number of Inputs 2 Features Schmitt Trigger Voltage - Supply 2 V ~ 5.5 V Current - Quiescent (Max) Current - Output High, Low Logic Level - Low Logic Level - High 2.2 V ~ 3.85 V Max Propagation Delay @ V, Max CL Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package Package / Case NAND Gate NAND Gate NAND Gate 40 Author Supplier Device Package NAND Gate 14-TSSOP (0.173", 4.40mm Width)	Package	14-TSSOP (0.173", 4.40mm Width)
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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 $9.7\text{ns} \otimes 5\text{V}$, 50pF Operating Temperature $40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Supplier Device Package 14-TSSOP $14-TSSOP$	Number of Circuits	4
$\begin{array}{c} \mbox{Voltage - Supply} & 2\ \mbox{V} \sim 5.5\ \mbox{V} \\ \mbox{Current - Quiescent (Max)} & 2\mu\mbox{A} \\ \mbox{Current - Output High, Low} & 8m\mbox{A, 8mA} \\ \mbox{Logic Level - Low} & 0.9\ \mbox{V} \sim 1.65\ \mbox{V} \\ \mbox{Logic Level - High} & 2.2\ \mbox{V} \sim 3.85\ \mbox{V} \\ \mbox{Max Propagation Delay @ V, Max CL} & 9.7ns @ 5V, 50pF \\ \mbox{Operating Temperature} & -40^{\circ}\mbox{C} \sim 85^{\circ}\mbox{C} \\ \mbox{Mounting Type} & Surface Mount \\ \mbox{Supplier Device Package} & 14-TSSOP \\ \mbox{Package / Case} & 14-TSSOP (0.173", 4.40mm Width) \\ \end{array}$	Number of Inputs	2
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 $9.7ns \ @ 5V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type $Surface \ Mount$ Supplier Device Package $14-TSSOP$ Package / Case $14-TSSOP \ (0.173'', 4.40mm \ Width)$	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 9.7ns @ 5V, 50pF Operating Temperature -40°C ~ 85°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 - 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 $9.7 \text{ns} \otimes 5 \text{V}, 50 \text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-TSSOP Package / Case $14\text{-TSSOP} (0.173'', 4.40 \text{mm Width})$	Current - Quiescent (Max)	2μΑ
Logic Level - High 2.2 V ~ 3.85 V Max Propagation Delay @ V, Max CL 9.7ns @ 5V, 50pF Operating Temperature -40°C ~ 85°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 CL 9.7ns @ 5V, 50pF Operating Temperature -40°C ~ 85°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 -40°C ~ 85°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	9.7ns @ 5V, 50pF
Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Operating Temperature	-40°C ~ 85°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?

74VHC132MTCX 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.

74VHC132MTCX Payment Methods



















74VHC132MTCX Shipping Methods













If you have any question about 74VHC132MTCX, please do not hesitate to contact us!

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