



74VCX00MTCX Information



For Reference Only

Part Number 74VCX00MTCX

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE NAND 4CH 2-INP 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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74VCX00MTCX Specifications

Manufacturer 74VCX00MTCX Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-TSSOP (0.173", 4.40mm Width) Series 74VCX Logic Type NAND Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 1.2 V ~ 3.6 V Current - Quiescent (Max) 20μA Current - Output High, Low 24mA, 24mA Logic Level - Low 0.7 V ~ 0.8 V Logic Level - High 1.6 V ~ 2 V Max Propagation Delay @ V, Max CL 2.8ns @ 3.3V, 30pF 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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Features $ \begin{array}{c} - \\ \text{Voltage - Supply} \\ \text{Current - Quiescent (Max)} \\ \text{Current - Output High, Low} \\ \text{Logic Level - Low} \\ \text{Logic Level - High} \\ \text{Max Propagation Delay @ V, Max CL} \\ \text{Operating Temperature} \\ \text{Mounting Type} \\ \text{Surface Mount} \\ \text{Supplier Device Package} \\ \text{Package / Case} \\ \end{array} \begin{array}{c} - \\ 1.2 \text{ V} \sim 3.6 \text{ V} \\ 20 \text{ MAX} \\ 24 \text{ MAX} \\ 24$	Number of Circuits	4
Voltage - Supply $1.2 \text{ V} \sim 3.6 \text{ V}$ $\text{Current - Quiescent (Max)}$ $20\mu\text{A}$ $\text{Current - Output High, Low}$ 24mA, 24mA Logic Level - Low $0.7 \text{ V} \sim 0.8 \text{ V}$ $\text{Logic Level - High}$ $1.6 \text{ V} \sim 2 \text{ V}$ $\text{Max Propagation Delay @ V, Max CL}$ $2.8\text{ns @ } 3.3\text{V, } 30\text{pF}$ $\text{Operating Temperature}$ $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount $\text{Supplier Device Package}$ 14-TSSOP Package / Case $14\text{-TSSOP (0.173", 4.40\text{mm Width)}}$	Number of Inputs	2
Current - Quiescent (Max) 20 μ A Current - Output High, Low 24mA, 24mA Logic Level - Low 0.7 V ~ 0.8 V Logic Level - High 1.6 V ~ 2 V Max Propagation Delay @ V, Max CL 2.8ns @ 3.3V, 30pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Features	-
Current - Output High, Low $24\text{mA}, 24\text{mA}$ Logic Level - Low $0.7 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.6 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL $2.8\text{ns } @ 3.3\text{V}, 30\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case $14\text{-TSSOP} (0.173'', 4.40\text{mm Width})$	Voltage - Supply	1.2 V ~ 3.6 V
Logic Level - Low $0.7 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.6 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL $2.8 \text{ns} \otimes 3.3 \text{V}, 30 \text{pF}$ 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)	20μΑ
Logic Level - High 1.6 V ~ 2 V Max Propagation Delay @ V, Max CL 2.8ns @ 3.3V, 30pF 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	24mA, 24mA
Max Propagation Delay @ V, Max CL 2.8ns @ 3.3V, 30pF 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	0.7 V ~ 0.8 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	1.6 V ~ 2 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	2.8ns @ 3.3V, 30pF
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?

74VCX00MTCX 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.

74VCX00MTCX Payment Methods



















74VCX00MTCX Shipping Methods













If you have any question about 74VCX00MTCX, please do not hesitate to contact us!

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