



74AC02MTCX Information



For Reference Only

Part Number 74AC02MTCX

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE NOR 4CH 2-INP 14TSSOP **Package** 14-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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74AC02MTCX Specifications

| Manufacturer Part Number 74AC02MTCX Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-TSSOP (0.173", 4.40mm Width) Series 74AC Logic Type NOR Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 6 V Current - Quiescent (Max) 2μA Current - Output High, Low 24mA, 24mA Logic Level - Low 0.9 V ~ 1.65 V Logic Level - High 2.1 V ~ 3.85 V Max Propagation Delay @ V, Max CL 6.5ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP | | |
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| Number of Inputs2Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)2μACurrent - Output High, Low24mA, 24mALogic Level - Low0.9 V ~ 1.65 VLogic Level - High2.1 V ~ 3.85 VMax Propagation Delay @ V, Max CL6.5ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-TSSOP | Logic Type | NOR Gate |
| Features - Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low 24mA , 24mA Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.1 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL 6.5ns @ 5V, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Supplier Device Package 14-TSSOP | Number of Circuits | 4 |
| Voltage - Supply $2\ V \sim 6\ V$ $Current - Quiescent (Max) \\ Current - Output High, Low \\ 24mA, 24mA$ $Current - Low \\ 0.9\ V \sim 1.65\ V$ $Logic Level - High \\ Max Propagation Delay @ V, Max CL \\ Operating Temperature -40^{\circ}C \sim 85^{\circ}C \\ Mounting Type \\ Surface Mount \\ Supplier Device Package 14-TSSOP $ | Number of Inputs | 2 |
| Current - Quiescent (Max) $2\mu A$ $24mA$, $24mA$ 2 | Features | - |
| Current - Output High, Low 24mA, 24mA Logic Level - Low 0.9 V ~ 1.65 V Logic Level - High 2.1 V ~ 3.85 V Max Propagation Delay @ V, Max CL 6.5ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP | Voltage - Supply | 2 V ~ 6 V |
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| Logic Level - High 2.1 V ~ 3.85 V Max Propagation Delay @ V, Max CL 6.5ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP | Current - Output High, Low | 24mA, 24mA |
| Max Propagation Delay @ V, Max CL6.5ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-TSSOP | Logic Level - Low | 0.9 V ~ 1.65 V |
| Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP | Logic Level - High | 2.1 V ~ 3.85 V |
| Mounting Type Surface Mount Supplier Device Package 14-TSSOP | Max Propagation Delay @ V, Max CL | 6.5ns @ 5V, 50pF |
| Supplier Device Package 14-TSSOP | Operating Temperature | -40°C ~ 85°C |
| | Mounting Type | Surface Mount |
| | Supplier Device Package | 14-TSSOP |
| Package / Case 14-TSSOP (0.173", 4.40mm Width) | Package / Case | 14-TSSOP (0.173", 4.40mm Width) |
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74AC02MTCX 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.

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74AC02MTCX Shipping Methods













If you have any question about 74AC02MTCX, please do not hesitate to contact us!

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