



MM74HC00MX Information



For Reference Only

Part Number MM74HC00MX

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE NAND 4CH 2-INP 14SOIC **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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MM74HC00MX Specifications

Manufacturer Part Number MM74HC00MX Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-SOIC (0.154", 3.90mm Width) Series 74HC Logic Type NAND Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 6 V Current - Quiescent (Max) 2μA Current - Output High, Low 5.2mA, 5.2mA Logic Level - Low 0.5 V ~ 1.8 V Logic Level - High 1.5 V ~ 4.2 V Max Propagation Delay @ V, Max CL 15ns @ 6V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)		
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Logic TypeNAND GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max) $2\mu A$ Current - Output High, Low $5.2mA, 5.2mA$ Logic Level - Low $0.5 V ~ 1.8 V$ Logic Level - High $1.5 V ~ 4.2 V$ Max Propagation Delay @ V, Max CL $15ns @ 6V, 50pF$ Operating Temperature $-40^{\circ}C ~ 85^{\circ}C$ Mounting TypeSurface MountSupplier Device Package $14-SOIC$ Package / Case $14-SOIC (0.154", 3.90mm Width)$	Package	14-SOIC (0.154", 3.90mm Width)
Number of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)2μACurrent - Output High, Low5.2mA, 5.2mALogic Level - Low0.5 V ~ 1.8 VLogic Level - High1.5 V ~ 4.2 VMax Propagation Delay @ V, Max CL15ns @ 6V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-SOICPackage / Case14-SOIC (0.154", 3.90mm Width)	Series	74HC
Number of Inputs 2 Features - Voltage - Supply 2 $V \sim 6 V$ Current - Quiescent (Max) 2 μ A Current - Output High, Low 5.2mA, 5.2mA Logic Level - Low 0.5 $V \sim 1.8 V$ Logic Level - High 1.5 $V \sim 4.2 V$ Max Propagation Delay @ V , Max CL 15ns @ $V \sim 6 V$ Mounting Type Surface Mount Supplier Device Package 14-SOIC 14-SOIC (0.154", 3.90mm Width)	Logic Type	NAND Gate
Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low 5.2mA , 5.2mA Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL 15ns @ 6V, 5opF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Number of Circuits	4
Voltage - Supply $2\ V \sim 6\ V$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $5.2\text{mA}, 5.2\text{mA}$ Logic Level - Low $0.5\ V \sim 1.8\ V$ Logic Level - High $1.5\ V \sim 4.2\ V$ Max Propagation Delay @ V, Max CL 15ns @ 6V, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case $14\text{-SOIC }(0.154^{\circ}\text{H}, 3.90\text{mm Width})$	Number of Inputs	2
Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $5.2mA$, $5.2mA$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $15ns @ 6V$, $50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount Supplier Device Package $14\text{-}SOIC$ Package / Case $14\text{-}SOIC (0.154", 3.90mm Width)$	Features	-
Current - Output High, Low 5.2mA , 5.2mA Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL 15ns @ 6V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14-\text{SOIC}$ Package / Case $14-\text{SOIC}$ (0.154 ", 3.90mm Width)	Voltage - Supply	2 V ~ 6 V
Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL 15ns @ 6V, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-SOIC Package / Case 14-SOIC (0.154° , 3.90mm Width)	Current - Quiescent (Max)	2μΑ
Logic Level - High 1.5 V ~ 4.2 V Max Propagation Delay @ V, Max CL 15ns @ 6V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Current - Output High, Low	5.2mA, 5.2mA
Max Propagation Delay @ V, Max CL 15ns @ 6V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Logic Level - Low	0.5 V ~ 1.8 V
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Logic Level - High	1.5 V ~ 4.2 V
Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Max Propagation Delay @ V, Max CL	15ns @ 6V, 50pF
Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C
Package / Case 14-SOIC (0.154", 3.90mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	14-SOIC
Report errors?	Package / Case	14-SOIC (0.154", 3.90mm Width)
		Report errors?

MM74HC00MX 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.

MM74HC00MX Payment Methods



















MM74HC00MX Shipping Methods













If you have any question about MM74HC00MX, please do not hesitate to contact us!

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