



MC74LVX02M Information



For Reference Only

Part Number MC74LVX02M

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE NOR 4CH 2-INP 14-SOEIAJ **Package** 14-SOIC (0.209", 5.30mm Width)

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









MC74LVX02M Specifications

Manufacturer Part Number MC74LVX02M Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-SOIC (0.209", 5.30mm Width) Series 74LVX Logic Type NOR Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 3.6 V Current - Quiescent (Max) 2μA Current - Output High, Low 4mA, 4mA Logic Level - Low 0.5 V ~ 0.8 V Logic Level - High 1.5 V ~ 2.4 V Max Propagation Delay @ V, Max CL 10.1ns @ 3.3V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package SOEIAJ-14 Package / Case 14-SOIC (0.209", 5.30mm Width)		
Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-SOIC (0.209", 5.30mm Width) Series 74LVX Logic Type NOR Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 3.6 V Current - Quiescent (Max) 2μA Current - Output High, Low 4mA, 4mA Logic Level - Low 0.5 V ~ 0.8 V Logic Level - High 1.5 V ~ 2.4 V Max Propagation Delay @ V, Max CL 10.1ns @ 3.3V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package SOEIAJ-14	Manufacturer Part Number	MC74LVX02M
Logic - Gates and InvertersPackage14-SOIC (0.209", 5.30mm Width)Series74LVXLogic TypeNOR GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 3.6 VCurrent - Quiescent (Max)2 μ ACurrent - Output High, Low4mA, 4mALogic Level - Low0.5 V ~ 0.8 VLogic Level - High1.5 V ~ 2.4 VMax Propagation Delay @ V, Max CL10.1ns @ 3.3V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device PackageSOEIAJ-14	Manufacturer	ON Semiconductor
Package 14-SOIC (0.209", 5.30mm Width) Series 74LVX Logic Type NOR Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 3.6 V Current - Quiescent (Max) 2μA Current - Output High, Low 4mA, 4mA Logic Level - Low 0.5 V ~ 0.8 V Logic Level - High 1.5 V ~ 2.4 V Max Propagation Delay @ V, Max CL 10.1ns @ 3.3V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package SOEIAJ-14	Category	Integrated Circuits (ICs)
Series $74LVX$ Logic TypeNOR GateNumber of Circuits 4 Number of Inputs 2 Features-Voltage - Supply $2 V \sim 3.6 V$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $4mA$, $4mA$ Logic Level - Low $0.5 V \sim 0.8 V$ Logic Level - High $1.5 V \sim 2.4 V$ Max Propagation Delay @ V, Max CL $10.1ns$ @ $3.3V$, $50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting TypeSurface MountSupplier Device Package $SOEIAJ-14$		Logic - Gates and Inverters
Logic TypeNOR GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply $2 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low 4mA , 4mA Logic Level - Low $0.5 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 2.4 \text{ V}$ Max Propagation Delay @ V, Max CL 10.1ns @ 3.3V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device PackageSOEIAJ-14	Package	14-SOIC (0.209", 5.30mm Width)
Number of Circuits4Number of Inputs2Features-Voltage - Supply $2 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low 4mA , 4mA Logic Level - Low $0.5 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 2.4 \text{ V}$ Max Propagation Delay @ V, Max CL 10.1ns @ 3.3V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device PackageSOEIAJ-14	Series	74LVX
Number of Inputs2Features-Voltage - Supply $2 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low 4mA , 4mA Logic Level - Low $0.5 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 2.4 \text{ V}$ Max Propagation Delay @ V, Max CL 10.1ns @ 3.3V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device PackageSOEIAJ-14	Logic Type	NOR Gate
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{Supplier Device Package} \\ \\ \begin{array}{c} - \\ 2 \text{ V} \sim 3.6 \text{ V} \\ 2 \mu \text{A} \\ 4 \text{mA}, 4 \text{mA} \\ 0.5 \text{ V} \sim 0.8 \text{ V} \\ 0.5 \text{ V} \sim 0.8 \text{ V} \\ 10.1 \text{ ns @ } 3.3 \text{ V}, 50 \text{ pF} \\ -40^{\circ} \text{C} \sim 85^{\circ} \text{C} \\ \text{Surface Mount} \\ \text{Supplier Device Package} \\ \end{array} $	Number of Circuits	4
Voltage - Supply $2\ V \sim 3.6\ V$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $4mA, 4mA$ Logic Level - Low $0.5\ V \sim 0.8\ V$ Logic Level - High $1.5\ V \sim 2.4\ V$ Max Propagation Delay @ V, Max CL $10.1ns\ @ 3.3V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type $Surface\ Mount$ Supplier Device Package	Number of Inputs	2
Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $4mA$, $4mA$ Logic Level - Low $0.5 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 2.4 \text{ V}$ Max Propagation Delay @ V, Max CL $10.1 \text{ns} = 3.3 \text{ V}$, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Supplier Device Package SOEIAJ-14	Features	-
Current - Output High, Low 4mA , 4mA Logic Level - Low $0.5 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 2.4 \text{ V}$ Max Propagation Delay @ V, Max CL 10.1ns @ 3.3V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device PackageSOEIAJ-14	Voltage - Supply	2 V ~ 3.6 V
Logic Level - Low $0.5 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 2.4 \text{ V}$ Max Propagation Delay @ V, Max CL 10.1ns @ 3.3V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device PackageSOEIAJ-14	Current - Quiescent (Max)	2μΑ
Logic Level - High 1.5 V ~ 2.4 V Max Propagation Delay @ V, Max CL 10.1ns @ 3.3V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package SOEIAJ-14	Current - Output High, Low	4mA, 4mA
Max Propagation Delay @ V, Max CL10.1ns @ 3.3V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device PackageSOEIAJ-14	Logic Level - Low	0.5 V ~ 0.8 V
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package SOEIAJ-14	Logic Level - High	1.5 V ~ 2.4 V
Mounting Type Surface Mount Supplier Device Package SOEIAJ-14	Max Propagation Delay @ V, Max CL	10.1ns @ 3.3V, 50pF
Supplier Device Package SOEIAJ-14	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
Package / Case 14-SOIC (0.209", 5.30mm Width)	Supplier Device Package	SOEIAJ-14
	Package / Case	14-SOIC (0.209", 5.30mm Width)
Report errors?		Report errors?

MC74LVX02M 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.

MC74LVX02M Payment Methods



















MC74LVX02M Shipping Methods













If you have any question about MC74LVX02M, please do not hesitate to contact us!

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