



MC74LCX02DTG Information



For Reference Only

Part Number MC74LCX02DTG

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

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

For the pricing/inventory/lead time, please contact

us

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MC74LCX02DTG Specifications

Manufacturer Part NumberMC74LCX02DTGManufacturerON SemiconductorCategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage $14\text{-TSSOP }(0.173", 4.40\text{mm Width})$ Series 74LCX Logic TypeNOR GateNumber of Circuits 4 Number of Inputs 2 Features $-$ Voltage - Supply $2 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $10\mu\text{A}$ 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 $1.7 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL 5.5ns @ 3.3V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$		
Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-TSSOP (0.173", 4.40mm Width) Series 74LCX Logic Type NOR Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 3.6 V Current - Quiescent (Max) 10μA Current - Output High, Low 24mA, 24mA Logic Level - Low 0.7 V ~ 0.8 V Logic Level - High 1.7 V ~ 2 V Max Propagation Delay @ V, Max CL 5.5ns @ 3.3V, 50pF Operating Temperature -40°C ~ 85°C	Manufacturer Part Number	MC74LCX02DTG
$\begin{array}{c} \text{Logic - Gates and Inverters} \\ \text{Package} & 14\text{-TSSOP } (0.173", 4.40 \text{mm Width}) \\ \text{Series} & 74\text{LCX} \\ \text{Logic Type} & \text{NOR Gate} \\ \text{Number of Circuits} & 4 \\ \text{Number of Inputs} & 2 \\ \text{Features} & - \\ \text{Voltage - Supply} & 2 \text{ V} \sim 3.6 \text{ V} \\ \text{Current - Quiescent } (\text{Max}) & 10 \mu \text{A} \\ \text{Current - Output High, Low} & 24 \text{mA} \\ \text{Logic Level - Low} & 0.7 \text{ V} \sim 0.8 \text{ V} \\ \text{Logic Level - High} & 1.7 \text{ V} \sim 2 \text{ V} \\ \text{Max Propagation Delay @ V, Max CL} & 5.5 \text{ns @ } 3.3 \text{V, } 50 \text{pF}} \\ \text{Operating Temperature} & -40^{\circ}\text{C} \sim 85^{\circ}\text{C} \\ \end{array}$	Manufacturer	ON Semiconductor
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Features - Voltage - Supply $2 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $10\mu\text{A}$ Current - Output High, Low 24mA , 24mA Logic Level - Low $0.7 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.7 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL 5.5ns @ 3.3V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Number of Circuits	4
Voltage - Supply $2\ V \sim 3.6\ V$ Current - Quiescent (Max) $10\mu A$ Current - Output High, Low $24mA, 24mA$ Logic Level - Low $0.7\ V \sim 0.8\ V$ Logic Level - High $1.7\ V \sim 2\ V$ Max Propagation Delay @ V, Max CL $5.5ns\ @\ 3.3V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$	Number of Inputs	2
Current - Quiescent (Max) $10\mu A$ Current - Output High, Low $24mA, 24mA$ Logic Level - Low $0.7 \ V \sim 0.8 \ V$ Logic Level - High $1.7 \ V \sim 2 \ V$ Max Propagation Delay @ V, Max CL $5.5ns \ @ 3.3V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$	Features	-
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Logic Level - Low $0.7 \text{ V} \sim 0.8 \text{ V}$ Logic Level - High $1.7 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL 5.5ns @ 3.3V , 50pF Operating Temperature $-40 ^{\circ}\text{C} \sim 85 ^{\circ}\text{C}$	Current - Quiescent (Max)	10μΑ
Logic Level - High $1.7 \text{ V} \sim 2 \text{ V}$ Max Propagation Delay @ V, Max CL $5.5 \text{ns } @ 3.3 \text{V}, 50 \text{pF}$ Operating Temperature $-40 ^{\circ}\text{C} \sim 85 ^{\circ}\text{C}$	Current - Output High, Low	24mA, 24mA
Max Propagation Delay @ V, Max CL 5.5ns @ 3.3V, 50pF Operating Temperature -40°C ~ 85°C	Logic Level - Low	0.7 V ~ 0.8 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Logic Level - High	1.7 V ~ 2 V
	Max Propagation Delay @ V, Max CL	5.5ns @ 3.3V, 50pF
	Operating Temperature	-40°C ~ 85°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Supplier Device Package 14-TSSOP	Supplier Device Package	14-TSSOP
Package / Case 14-TSSOP (0.173", 4.40mm Width)	Package / Case	14-TSSOP (0.173", 4.40mm Width)
Report errors?		Report errors?

MC74LCX02DTG 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.

MC74LCX02DTG Payment Methods





















MC74LCX02DTG Shipping Methods













If you have any question about MC74LCX02DTG, please do not hesitate to contact us!

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