

### 74LCX02SJ Information

Part Number 74LCX02SJ

Manufacturer Fairchild/ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

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

For the pricing/inventory/lead time, please contact

us

For Reference Only

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.









## 74LCX02SJ Specifications

Manufacturer Part Number       74LCX02SJ         Manufacturer       Fairchild/ON Semiconductor         Category       Integrated Circuits (ICs)         Logic - Gates and Inverters         Package       14-SOIC (0.209", 5.30mm 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       5.2ns @ 3.3V, 50pF         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount         Supplier Device Package       14-SOP         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         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         5.2ns @ 3.3V, 50pF           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Supplier Device Package         14-SOP           Package / Case         14-SOIC (0.209", 5.30mm Width)	Manufacturer Part Number	74LCX02SJ
Logic - Gates and Inverters         Package       14-SOIC (0.209", 5.30mm 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       5.2ns @ 3.3V, 50pF         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount         Supplier Device Package       14-SOP         Package / Case       14-SOIC (0.209", 5.30mm Width)	Manufacturer	Fairchild/ON Semiconductor
Package       14-SOIC (0.209", 5.30mm 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       5.2ns @ 3.3V, 50pF         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount         Supplier Device Package       14-SOP         Package / Case       14-SOIC (0.209", 5.30mm Width)	Category	Integrated Circuits (ICs)
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         5.2ns @ 3.3V, 50pF           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Supplier Device Package         14-SOP           Package / Case         14-SOIC (0.209", 5.30mm Width)		Logic - Gates and Inverters
Logic TypeNOR GateNumber of Circuits4Number of Inputs2Features-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 $5.2\text{ns}$ @ $3.3\text{ V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-SOP}$ Package / Case $14\text{-SOP}$	Package	14-SOIC (0.209", 5.30mm Width)
Number of Circuits4Number of Inputs2Features-Voltage - Supply2 V ~ 3.6 VCurrent - Quiescent (Max)10μACurrent - Output High, Low24mA, 24mALogic Level - Low0.7 V ~ 0.8 VLogic Level - High1.7 V ~ 2 VMax Propagation Delay @ V, Max CL5.2ns @ 3.3V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-SOPPackage / Case14-SOIC (0.209", 5.30mm Width)	Series	74LCX
Number of Inputs 2 Features -  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 5.2ns @ 3.3V, 50pF Operating Temperature -40°C $\sim 85$ °C Mounting Type Surface Mount Supplier Device Package 14-SOP Package / Case 14-SOIC (0.209", 5.30mm Width)	Logic Type	NOR Gate
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 $5.2\text{ns}$ @ $3.3\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-SOIC}$ ( $0.209^{\circ}$ , $5.30\text{mm}$ Width)	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 $5.2ns\ @\ 3.3V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type $Surface\ Mount$ Supplier Device Package $14-SOP$ Package / Case $14-SOIC\ (0.209'', 5.30mm\ Width)$	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 $5.2ns \ @ \ 3.3V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type $Surface \ Mount$ Supplier Device Package $14-SOP$ Package / Case $14-SOIC \ (0.209'', 5.30mm \ Width)$	Features	-
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 $5.2ns$ @ $3.3\text{ V}$ , $50pF$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount  Supplier Device Package $14-\text{SOP}$ Package / Case $14-\text{SOIC}$ (0.209", 5.30mm Width)	Voltage - Supply	2 V ~ 3.6 V
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 $5.2 \text{ns}$ @ $3.3 \text{ V}$ , $50 \text{pF}$ Operating Temperature $-40 ^{\circ}\text{C} \sim 85 ^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14-\text{SOP}$ Package / Case $14-\text{SOIC}$ ( $0.209^{\circ}$ , $5.30 \text{mm}$ Width)	Current - Quiescent (Max)	10μΑ
Logic Level - High  1.7 V ~ 2 V  Max Propagation Delay @ V, Max CL  5.2ns @ 3.3V, 50pF  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-SOP  Package / Case  14-SOIC (0.209", 5.30mm Width)	Current - Output High, Low	24mA, 24mA
Max Propagation Delay @ V, Max CL  5.2ns @ 3.3V, 50pF  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-SOP  Package / Case  14-SOIC (0.209", 5.30mm Width)	Logic Level - Low	0.7 V ~ 0.8 V
Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-SOP  Package / Case  14-SOIC (0.209", 5.30mm Width)	Logic Level - High	1.7 V ~ 2 V
Mounting Type Surface Mount Supplier Device Package 14-SOP Package / Case 14-SOIC (0.209", 5.30mm Width)	Max Propagation Delay @ V, Max CL	5.2ns @ 3.3V, 50pF
Supplier Device Package 14-SOP Package / Case 14-SOIC (0.209", 5.30mm Width)	Operating Temperature	-40°C ~ 85°C
Package / Case 14-SOIC (0.209", 5.30mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	14-SOP
Report errors?	Package / Case	14-SOIC (0.209", 5.30mm Width)
		Report errors?

#### 74LCX02SJ 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.

# 74LCX02SJ Payment Methods



















### 74LCX02SJ Shipping Methods













If you have any question about 74LCX02SJ, please do not hesitate to contact us!

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