



### **SN74HCT02NSR Information**



For Reference Only

Part Number SN74HCT02NSR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

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

For the pricing/inventory/lead time, please contact

us

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# **SN74HCT02NSR Specifications**

Manufacturer Part Number         SN74HCT02NSR           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-SOIC (0.209", 5.30mm Width)           Series         74HCT           Logic Type         NOR Gate           Number of Circuits         4           Number of Inputs         2           Features         -           Voltage - Supply         4.5 V ~ 5.5 V           Current - Quiescent (Max)         2μA           Current - Output High, Low         4mA, 4mA           Logic Level - Low         0.8V           Logic Level - High         2V           Max Propagation Delay @ V, Max CL         18ns @ 5.5V, 50pF           Operating Temperature         -40°C ~ 85°C		
CategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage $14\text{-SOIC } (0.209^{\circ}, 5.30 \text{mm Width})$ Series $74\text{HCT}$ Logic TypeNOR GateNumber of Circuits $4$ Number of Inputs $2$ Features-Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $4\text{mA}$ , $4\text{mA}$ Logic Level - Low $0.8\text{V}$ Logic Level - High $2\text{V}$ Max Propagation Delay @ V, Max CL $18\text{ns } @ 5.5\text{V}$ , $50\text{pF}$	Manufacturer Part Number	SN74HCT02NSR
Logic - Gates and InvertersPackage14-SOIC (0.209", 5.30mm Width)Series74HCTLogic TypeNOR GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low4mA, 4mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL18ns @ 5.5V, 50pF	Manufacturer	Texas Instruments
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Logic TypeNOR GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low4mA, 4mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL18ns @ 5.5V, 50pF	Package	14-SOIC (0.209", 5.30mm Width)
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Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low4mA, 4mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL18ns @ 5.5V, 50pF	Logic Type	NOR Gate
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Number of Circuits	4
Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $4\text{mA}, 4\text{mA}$ Logic Level - Low $0.8 \text{V}$ Logic Level - High $2 \text{V}$ Max Propagation Delay @ V, Max CL $18\text{ns @ 5.5V, 50pF}$	Number of Inputs	2
Current - Quiescent (Max)2μACurrent - Output High, Low4mA, 4mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL18ns @ 5.5V, 50pF	Features	-
Current - Output High, Low 4mA, 4mA  Logic Level - Low 0.8V  Logic Level - High 2V  Max Propagation Delay @ V, Max CL 18ns @ 5.5V, 50pF	Voltage - Supply	4.5 V ~ 5.5 V
Logic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL18ns @ 5.5V, 50pF	Current - Quiescent (Max)	$2\mu A$
Logic Level - High 2V Max Propagation Delay @ V, Max CL 18ns @ 5.5V, 50pF	Current - Output High, Low	4mA, 4mA
Max Propagation Delay @ V, Max CL 18ns @ 5.5V, 50pF	Logic Level - Low	0.8V
	Logic Level - High	2V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Max Propagation Delay @ V, Max CL	18ns @ 5.5V, 50pF
.,	Operating Temperature	-40°C ~ 85°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Supplier Device Package 14-SOP	Supplier Device Package	14-SOP
Package / Case 14-SOIC (0.209", 5.30mm Width)	Package / Case	14-SOIC (0.209", 5.30mm Width)
Report errors?		Report errors?

#### **SN74HCT02NSR 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.

### **SN74HCT02NSR Payment Methods**



















## **SN74HCT02NSR Shipping Methods**













If you have any question about SN74HCT02NSR, please do not hesitate to contact us!

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