



### **SN74LS32NSRG4 Information**



For Reference Only

Part Number SN74LS32NSRG4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC GATE OR 4CH 2-INP 14-SO **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.









## **SN74LS32NSRG4 Specifications**

Manufacturer Part Number         SN74LS32NSRG4           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters         Logic - Gates and Inverters           Package         14-SOIC (0.209", 5.30mm Width)           Series         74LS           Logic Type         OR Gate           Number of Circuits         4           Number of Inputs         2           Features         -           Voltage - Supply         4.75 V ~ 5.25 V           Current - Quiescent (Max)         -           Current - Output High, Low         400μA, 8mA           Logic Level - Low         0.8V           Logic Level - High         2V           Max Propagation Delay @ V, Max CL         22ns @ 5V, 15pF           Operating Temperature         0°C ~ 70°C		
Category       Integrated Circuits (ICs)         Logic - Gates and Inverters         Package       14-SOIC (0.209", 5.30mm Width)         Series       74LS         Logic Type       OR Gate         Number of Circuits       4         Number of Inputs       2         Features       -         Voltage - Supply       4.75 V ~ 5.25 V         Current - Quiescent (Max)       -         Current - Output High, Low       400μA, 8mA         Logic Level - Low       0.8V         Logic Level - High       2V         Max Propagation Delay @ V, Max CL       22ns @ 5V, 15pF         Operating Temperature       0°C ~ 70°C	Manufacturer Part Number	SN74LS32NSRG4
Logic - Gates and Inverters         Package       14-SOIC (0.209", 5.30mm Width)         Series       74LS         Logic Type       OR Gate         Number of Circuits       4         Number of Inputs       2         Features       -         Voltage - Supply       4.75 V ~ 5.25 V         Current - Quiescent (Max)       -         Current - Output High, Low       400μA, 8mA         Logic Level - Low       0.8V         Logic Level - High       2V         Max Propagation Delay @ V, Max CL       22ns @ 5V, 15pF         Operating Temperature       0°C ~ 70°C	Manufacturer	Texas Instruments
Package14-SOIC (0.209", 5.30mm Width)Series74LSLogic TypeOR GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply4.75 V ~ 5.25 VCurrent - Quiescent (Max)-Current - Output High, Low400μA, 8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL22ns @ 5V, 15pFOperating Temperature0°C ~ 70°C	Category	Integrated Circuits (ICs)
Series74LSLogic TypeOR GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply4.75 V ~ 5.25 VCurrent - Quiescent (Max)-Current - Output High, Low400μA, 8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL22ns @ 5V, 15pFOperating Temperature0°C ~ 70°C		Logic - Gates and Inverters
Logic TypeOR GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply4.75 V ~ 5.25 VCurrent - Quiescent (Max)-Current - Output High, Low400μA, 8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL22ns @ 5V, 15pFOperating Temperature0°C ~ 70°C	Package	14-SOIC (0.209", 5.30mm Width)
Number of Circuits4Number of Inputs2Features-Voltage - Supply $4.75 \text{ V} \sim 5.25 \text{ V}$ Current - Quiescent (Max)-Current - Output High, Low $400\mu\text{A}$ , 8mALogic Level - Low $0.8\text{V}$ Logic Level - High $2\text{V}$ Max Propagation Delay @ V, Max CL $22\text{ns}$ @ 5V, 15pFOperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Series	74LS
Number of Inputs2Features-Voltage - Supply4.75 V ~ 5.25 VCurrent - Quiescent (Max)-Current - Output High, Low400μA, 8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL22ns @ 5V, 15pFOperating Temperature0°C ~ 70°C	Logic Type	OR Gate
Features-Voltage - Supply $4.75 \text{ V} \sim 5.25 \text{ V}$ Current - Quiescent (Max)-Current - Output High, Low $400\mu\text{A}$ , 8mALogic Level - Low $0.8\text{V}$ Logic Level - High $2\text{V}$ Max Propagation Delay @ V, Max CL $22\text{ns}$ @ $5\text{V}$ , $15\text{pF}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Number of Circuits	4
Voltage - Supply $4.75 \text{ V} \sim 5.25 \text{ V}$ Current - Quiescent (Max) - Current - Output High, Low $400\mu\text{A}$ , 8mA  Logic Level - Low $0.8\text{V}$ Logic Level - High $2\text{V}$ Max Propagation Delay @ V, Max CL $22\text{ns}$ @ 5V, 15pF  Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Number of Inputs	2
Current - Quiescent (Max)-Current - Output High, Low400μA, 8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL22ns @ 5V, 15pFOperating Temperature0°C ~ 70°C	Features	-
Current - Output High, Low $400\mu A, 8mA$ Logic Level - Low $0.8V$ Logic Level - High $2V$ Max Propagation Delay @ V, Max CL $22ns @ 5V, 15pF$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$	Voltage - Supply	4.75 V ~ 5.25 V
Logic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL22ns @ 5V, 15pFOperating Temperature0°C ~ 70°C	Current - Quiescent (Max)	-
Logic Level - High $2V$ Max Propagation Delay @ V, Max CL $22ns @ 5V, 15pF$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$	Current - Output High, Low	400μA, 8mA
Max Propagation Delay @ V, Max CL 22ns @ 5V, 15pF  Operating Temperature 0°C ~ 70°C	Logic Level - Low	0.8V
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Logic Level - High	2V
I C . I	Max Propagation Delay @ V, Max CL	22ns @ 5V, 15pF
	Operating Temperature	0°C ~ 70°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?

#### **SN74LS32NSRG4** 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.

### **SN74LS32NSRG4 Payment Methods**



















# SN74LS32NSRG4 Shipping Methods













If you have any question about SN74LS32NSRG4, please do not hesitate to contact us!

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