



NLV14049BDR2G Information

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For Reference Only

Part Number NLV14049BDR2G

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC HEX INVERTER/BUFFER 16-SOIC

Package 16-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



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NLV14049BDR2G Specifications

| Manufacturer Part Number NLV14049BDR2G Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 16-SOIC (0.154", 3.90mm Width) Series 4000B Logic Type Inverter Number of Circuits 6 Number of Inputs 6 Features - Voltage - Supply 3 V ~ 18 V Current - Quiescent (Max) 4μA Current - Output High, Low 10mA, 40mA Logic Level - Low 1.5 V ~ 4 V Logic Level - High 3.5 V ~ 11 V Max Propagation Delay @ V, Max CL 60ns @ 15V, 50pF Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 16-SOIC Package / Case 16-SOIC (0.154", 3.90mm Width) | | |
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| Features Voltage - Supply 3 V ~ 18 V Current - Quiescent (Max) Current - Output High, Low Logic Level - Low 1.5 V ~ 4 V Logic Level - High 3.5 V ~ 11 V Max Propagation Delay @ V, Max CL Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package Package / Case - Case Overating Temperature - Control of the supplier Device Package 16-SOIC (0.154", 3.90mm Width) | Number of Circuits | 6 |
| Voltage - Supply $3\ V \sim 18\ V$ Current - Quiescent (Max) $4\mu A$ Current - Output High, Low $10mA, 40mA$ Logic Level - Low $1.5\ V \sim 4\ V$ Logic Level - High $3.5\ V \sim 11\ V$ Max Propagation Delay @ V, Max CL $60ns\ @\ 15V, 50pF$ Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$ Mounting Type $Surface\ Mount$ Supplier Device Package 16-SOIC Package / Case $16\text{-SOIC}\ (0.154", 3.90mm\ Width)$ | Number of Inputs | 6 |
| Current - Quiescent (Max) $4\mu A$ $10mA, 40mA$ $10mA, 40mA$ $1.5 \text{ V} \sim 4 \text{ V}$ $1.5 \text{ V} \sim 11 \text{ V}$ $10mA, 40mA$ $1.5 \text{ V} \sim 11 \text{ V}$ $10mA, 40mA$ $1.5 \text{ V} \sim 11 \text{ V}$ $10mA, 40mA$ $1.5 \text{ V} \sim 11 \text{ V}$ $10mA, 40mA$ $1.5 \text{ V} \sim 11 \text{ V}$ $10mA, 40mA$ $1.5 \text{ V} \sim 11 \text{ V}$ $10mA, 40mA$ $1.5 \text{ V} \sim 11 \text{ V}$ $10mA, 40mA$ $1.5 \text{ V} \sim 11 \text{ V}$ $10mA, 40mA$ $1.5 \text{ V} \sim 11 \text{ V}$ $10mA, 40mA$ $1.5 \text{ V} \sim 4 \text{ V}$ $1.5 \text{ V} \sim 11 \text{ V}$ $1.5 $ | Features | - |
| Current - Output High, Low 10mA, 40mA Logic Level - Low 1.5 V ~ 4 V Logic Level - High 3.5 V ~ 11 V Max Propagation Delay @ V, Max CL 60ns @ 15V, 50pF Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 16-SOIC Package / Case 16-SOIC (0.154", 3.90mm Width) | Voltage - Supply | 3 V ~ 18 V |
| Logic Level - Low $1.5 \text{ V} \sim 4 \text{ V}$ Logic Level - High $3.5 \text{ V} \sim 11 \text{ V}$ Max Propagation Delay @ V, Max CL 60ns @ 15V , 50pF Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 16-SOIC Package / Case 16-SOIC (0.154° , 3.90mm Width) | Current - Quiescent (Max) | 4μA |
| Logic Level - High 3.5 V ~ 11 V Max Propagation Delay @ V, Max CL 60ns @ 15V, 50pF Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 16-SOIC Package / Case 16-SOIC (0.154", 3.90mm Width) | Current - Output High, Low | 10mA, 40mA |
| Max Propagation Delay @ V, Max CL Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 16-SOIC Package / Case 16-SOIC (0.154", 3.90mm Width) | Logic Level - Low | 1.5 V ~ 4 V |
| Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 16-SOIC Package / Case 16-SOIC (0.154", 3.90mm Width) | Logic Level - High | 3.5 V ~ 11 V |
| Mounting Type Surface Mount Supplier Device Package 16-SOIC Package / Case 16-SOIC (0.154", 3.90mm Width) | Max Propagation Delay @ V, Max CL | 60ns @ 15V, 50pF |
| Supplier Device Package 16-SOIC Package / Case 16-SOIC (0.154", 3.90mm Width) | Operating Temperature | -55°C ~ 125°C |
| Package / Case 16-SOIC (0.154", 3.90mm Width) | Mounting Type | Surface Mount |
| | Supplier Device Package | 16-SOIC |
| Report errors? | Package / Case | 16-SOIC (0.154", 3.90mm Width) |
| • | | Report errors? |

NLV14049BDR2G 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.

NLV14049BDR2G Payment Methods



















NLV14049BDR2G Shipping Methods













If you have any question about NLV14049BDR2G, please do not hesitate to contact us!

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