



NLV14001UBDG Information



For Reference Only

Part Number NLV14001UBDG

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE NOR 4CH 2-INP 14-SOIC **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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NLV14001UBDG Specifications

Manufacturer Part NumberNLV14001UBDGManufacturerON SemiconductorCategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage14-SOIC (0.154", 3.90mm Width)Series4000BLogic TypeNOR GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply3 V ~ 18 VCurrent - Quiescent (Max)1μACurrent - Output High, Low3.5mA, 8.8mALogic Level - Low1 V ~ 2.5 VLogic Level - High4 V ~ 12.5 VMax Propagation Delay @ V, Max CL80ns @ 15V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOICPackage / Case14-SOIC (0.154", 3.90mm Width)		
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Features Voltage - Supply 3 V ~ 18 V Current - Quiescent (Max) Logic Level - Low 1 V ~ 2.5 V Logic Level - High 4 V ~ 12.5 V Max Propagation Delay @ V, Max CL Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package Package / Case	Number of Circuits	4
Voltage - Supply $3\ V \sim 18\ V$ Current - Quiescent (Max) $1\mu A$ Current - Output High, Low $3.5mA, 8.8mA$ Logic Level - Low $1\ V \sim 2.5\ V$ Logic Level - High $4\ V \sim 12.5\ V$ Max Propagation Delay @ V, Max CL $80ns\ @ 15V, 50pF$ Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$ Mounting Type $Surface\ Mount$ Supplier Device Package $14-SOIC$ Package / Case $14-SOIC\ (0.154", 3.90mm\ Width)$	Number of Inputs	2
Current - Quiescent (Max) $1\mu A$ Current - Output High, Low $3.5mA, 8.8mA$ Logic Level - Low $1 \ V \sim 2.5 \ V$ Logic Level - High $4 \ V \sim 12.5 \ V$ Max Propagation Delay @ V, Max CL $80ns @ 15V, 50pF$ Operating Temperature $-55^{\circ}C \sim 125^{\circ}C$ Mounting Type $Surface \ Mount$ Supplier Device Package $14-SOIC$ Package / Case $14-SOIC \ (0.154", 3.90mm \ Width)$	Features	-
Current - Output High, Low 3.5mA , 8.8mA Logic Level - Low $1 \text{ V} \sim 2.5 \text{ V}$ Logic Level - High $4 \text{ V} \sim 12.5 \text{ V}$ Max Propagation Delay @ V, Max CL $80 \text{ns} \ @ 15 \text{V}$, 50pF Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-SOIC Package / Case $14\text{-SOIC} \ (0.154\text{"}, 3.90 \text{mm} \ Width)$	Voltage - Supply	3 V ~ 18 V
Logic Level - Low $1 \text{ V} \sim 2.5 \text{ V}$ Logic Level - High $4 \text{ V} \sim 12.5 \text{ V}$ Max Propagation Delay @ V, Max CL $80 \text{ns} \ @ 15 \text{V}, 50 \text{pF}$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-SOIC Package / Case $14\text{-SOIC} \ (0.154^{\circ}, 3.90 \text{mm} \ Width)$	Current - Quiescent (Max)	1μA
Logic Level - High 4 V ~ 12.5 V Max Propagation Delay @ V, Max CL 80ns @ 15V, 50pF Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Current - Output High, Low	3.5mA, 8.8mA
Max Propagation Delay @ V, Max CL80ns @ 15V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOICPackage / Case14-SOIC (0.154", 3.90mm Width)	Logic Level - Low	1 V ~ 2.5 V
Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Logic Level - High	4 V ~ 12.5 V
Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Max Propagation Delay @ V, Max CL	80ns @ 15V, 50pF
Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Operating Temperature	-55°C ~ 125°C
Package / Case 14-SOIC (0.154", 3.90mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	14-SOIC
Report errors?	Package / Case	14-SOIC (0.154", 3.90mm Width)
		Report errors?

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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.

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NLV14001UBDG Shipping Methods













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