

HEF4001BT,652 Information



For Reference Only

Part Number HEF4001BT,652

Manufacturer Nexperia USA Inc.

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

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

For the pricing/inventory/lead time, please contact

us

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HEF4001BT,652 Specifications

Manufacturer HEF4001BT,652 Manufacturer Nexperia USA Inc. Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-SOIC (0.154", 3.90mm Width) Series 4000B Logic Type NOR Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 3 V ~ 15 V Current - Quiescent (Max) 1µA Current - Output High, Low 3.4mA, 3.4mA Logic Level - Low 1.5 V ~ 4 V Logic Level - High 3.5 V ~ 11 V Max Propagation Delay @ V, Max CL 40ns @ 15V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SOI Package / Case 14-SOIC (0.154", 3.90mm Width)		
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Logic TypeNOR GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply $3 \text{ V} \sim 15 \text{ V}$ Current - Quiescent (Max) $1 \mu A$ Current - Output High, Low $3.4 m A, 3.4 m A$ 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 40ns @ 15 V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14-\text{SO}$ Package / Case $14-\text{SOIC}$ (0.154° , 3.90mm Width)	Package	14-SOIC (0.154", 3.90mm Width)
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Number of Inputs 2 Features - Voltage - Supply 3 $V \sim 15 V$ Current - Quiescent (Max) 1 μ A Current - Output High, Low 3.4mA, 3.4mA Logic Level - Low 1.5 $V \sim 4 V$ Logic Level - High 3.5 $V \sim 11 V$ Max Propagation Delay @ V , Max CL 40ns @ 15 V , 50pF Operating Temperature -40°C ~ 125 °C Mounting Type Surface Mount Supplier Device Package 14-SOIC (0.154", 3.90mm Width)	Logic Type	NOR Gate
Features-Voltage - Supply $3 \text{ V} \sim 15 \text{ V}$ Current - Quiescent (Max) $1 \mu A$ Current - Output High, Low $3.4 \text{mA}, 3.4 \text{mA}$ 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 $40 \text{ns} @ 15 \text{V}, 50 \text{pF}$ Operating Temperature $-40 ^{\circ}\text{C} \sim 125 ^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-SOIC (0.154", 3.90mm Width)	Number of Circuits	4
Voltage - Supply $3\ V \sim 15\ V$ Current - Quiescent (Max) $1\mu A$ Current - Output High, Low $3.4\text{mA}, 3.4\text{mA}$ Logic Level - Low $1.5\ V \sim 4\ V$ Logic Level - High $3.5\ V \sim 11\ V$ Max Propagation Delay @ V, Max CL $40\text{ns @ 15V}, 50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Supplier Device Package $14\text{-SOIC } (0.154^{\circ}\text{H}, 3.90\text{mm Width})$	Number of Inputs	2
Current - Quiescent (Max) $1\mu A$ Current - Output High, Low $3.4mA, 3.4mA$ 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 $40ns @ 15V, 50pF$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type $Surface Mount$ Supplier Device Package $14-SO$ Package / Case $14-SOIC (0.154'', 3.90mm Width)$	Features	-
Current - Output High, Low 3.4mA , 3.4mA 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 40ns @ 15V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-SO Package / Case 14-SOIC (0.154" , 3.90mm Width)	Voltage - Supply	3 V ~ 15 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 40ns @ 15V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-SO Package / Case 14-SOIC (0.154° , 3.90mm Width)	Current - Quiescent (Max)	$1\mu A$
Logic Level - High 3.5 V ~ 11 V Max Propagation Delay @ V, Max CL 40ns @ 15V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SOIC (0.154", 3.90mm Width)	Current - Output High, Low	3.4mA, 3.4mA
Max Propagation Delay @ V, Max CL 40ns @ 15V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Logic Level - Low	1.5 V ~ 4 V
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Logic Level - High	3.5 V ~ 11 V
Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Max Propagation Delay @ V, Max CL	40ns @ 15V, 50pF
Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 125°C
Package / Case 14-SOIC (0.154", 3.90mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	14-SO
Report errors?	Package / Case	14-SOIC (0.154", 3.90mm Width)
		Report errors?

HEF4001BT,652 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

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HEF4001BT,652 Payment Methods



















HEF4001BT,652 Shipping Methods













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