

HEF4011BT,652 Information



For Reference Only

Part Number HEF4011BT,652

Manufacturer Nexperia USA Inc.

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE NAND 4CH 2-INP 14-SO **Package** 14-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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HEF4011BT,652 Specifications

Manufacturer Part Number HEF4011BT,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 NAND 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 35ns @ 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)		
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Logic TypeNAND 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 $35 ns @ 15 \text{ V}, 50 pF$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14-SO$ Package / Case $14-SOIC (0.154", 3.90 mm \text{ Width})$	Package	14-SOIC (0.154", 3.90mm Width)
Number of Circuits4Number of Inputs2Features-Voltage - Supply3 V ~ 15 VCurrent - Quiescent (Max)1μACurrent - Output High, Low3.4mA, 3.4mALogic Level - Low1.5 V ~ 4 VLogic Level - High3.5 V ~ 11 VMax Propagation Delay @ V, Max CL35ns @ 15V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)	Series	4000B
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 35ns @ 15 V , 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 Type	NAND Gate
Features $ \begin{array}{ccccccccccccccccccccccccccccccccccc$	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 $35\text{ns @ 15V}, 50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type 5urface 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 $ 35ns @ 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^{\circ}, 3.90mm \text{ Width}) $	Features	-
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 35ns @ 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)	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 35ns @ 15V , 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)	Current - Quiescent (Max)	1μA
Logic Level - High 3.5 V ~ 11 V Max Propagation Delay @ V, Max CL 35ns @ 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)	Current - Output High, Low	3.4mA, 3.4mA
Max Propagation Delay @ V, Max CL 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	35ns @ 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?

HEF4011BT,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

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

HEF4011BT,652 Payment Methods



















HEF4011BT,652 Shipping Methods













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