

HEF4049BT,652 Information



For Reference Only

Part Number HEF4049BT,652

Manufacturer Nexperia USA Inc.

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC INVERTER HEX 1INPUT 16SOIC **Package** 16-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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HEF4049BT,652 Specifications

Manufacturer Part Number HEF4049BT,652 Manufacturer Nexperia USA Inc. 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 ~ 15 V Current - Quiescent (Max) 16μA Current - Output High, Low 3mA, 20mA 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 ~ 85°C Mounting Type Surface Mount Supplier Device Package 16-SO Package / Case 16-SOIC (0.154", 3.90mm Width)		
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Logic TypeInverterNumber of Circuits6Number of Inputs6Features-Voltage - Supply $3 \text{ V} \sim 15 \text{ V}$ Current - Quiescent (Max) $16\mu\text{A}$ Current - Output High, Low 3mA , 20mA 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 $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 16-SO Package / Case 16-SOIC (0.154° , 3.90mm Width)	Package	16-SOIC (0.154", 3.90mm Width)
Number of Circuits6Number of Inputs6Features-Voltage - Supply3 V ~ 15 VCurrent - Quiescent (Max)16μACurrent - Output High, Low3mA, 20mALogic Level - Low1.5 V ~ 4 VLogic Level - High3.5 V ~ 11 VMax Propagation Delay @ V, Max CL40ns @ 15V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package16-SOPackage / Case16-SOIC (0.154", 3.90mm Width)	Series	4000B
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Features-Voltage - Supply $3 \text{ V} \sim 15 \text{ V}$ Current - Quiescent (Max) $16\mu\text{A}$ Current - Output High, Low 3mA , 20mA 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 $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 16-SOIC (0.154° , 3.90mm Width)	Number of Circuits	6
Voltage - Supply $3\ V \sim 15\ V$ Current - Quiescent (Max) $16\mu A$ Current - Output High, Low $3mA, 20mA$ Logic Level - Low $1.5\ V \sim 4\ V$ Logic Level - High $3.5\ V \sim 11\ V$ Max Propagation Delay @ V, Max CL $40ns\ @ 15V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type $Surface\ Mount$ Supplier Device Package $16\text{-SOIC}\ (0.154", 3.90mm\ Width)$	Number of Inputs	6
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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 -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 16-SO Package / Case 3mA, 20mA 1.5 V ~ 4 V 40ns @ 15V, 50pF -40°C ~ 85°C Surface Mount 16-SO 16-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 $-40 ^{\circ}\text{C} \sim 85 ^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 16-SO Package / Case 16-SOIC (0.154 ", 3.90mm Width)	Current - Quiescent (Max)	16μΑ
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Max Propagation Delay @ V, Max CL 40ns @ 15V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 16-SO Package / Case 16-SOIC (0.154", 3.90mm Width)	Logic Level - Low	1.5 V ~ 4 V
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 16-SO 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-SO Package / Case 16-SOIC (0.154", 3.90mm Width)	Max Propagation Delay @ V, Max CL	40ns @ 15V, 50pF
Supplier Device Package 16-SO Package / Case 16-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C
Package / Case 16-SOIC (0.154", 3.90mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	16-SO
Report errors?	Package / Case	16-SOIC (0.154", 3.90mm Width)
		Report errors?

HEF4049BT,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.

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HEF4049BT,652 Shipping Methods













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