



## HEC4023BT,118 Information



For Reference Only

Part Number HEC4023BT,118

Manufacturer NXP

Category Integrated Circuits (ICs)

Logic - Gates and Inverters

**Description** IC GATE NAND 3CH 3-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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## **Certified Quality**

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# **HEC4023BT,118 Specifications**

Manufacturer         HEC4023BT,118           Manufacturer         NXP           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         3           Number of Inputs         3           Features         -           Voltage - Supply         3 V ~ 15 V           Current - Quiescent (Max)         4µA           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         30ns @ 15V, 50pF           Operating Temperature         -55°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 Circuits3Number of Inputs3Features-Voltage - Supply $3 \text{ V} \sim 15 \text{ V}$ Current - Quiescent (Max) $4\mu\text{A}$ 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 $30\text{ns } \text{@ 15V}, 50\text{pF}$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-SO}$ Package / Case $14\text{-SOIC } (0.154^{\circ}, 3.90\text{mm Width})$	Package	14-SOIC (0.154", 3.90mm Width)
Number of Circuits3Number of Inputs3Features-Voltage - Supply3 V ~ 15 VCurrent - Quiescent (Max)4μACurrent - Output High, Low3.4mA, 3.4mALogic Level - Low1.5 V ~ 4 VLogic Level - High3.5 V ~ 11 VMax Propagation Delay @ V, Max CL30ns @ 15V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)	Series	4000B
Number of Inputs 3 Features - Voltage - Supply 3 $V \sim 15 V$ Current - Quiescent (Max) 4 $\mu$ 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 30ns @ 15 $V$ , 50pF Operating Temperature -55°C $\sim 125$ °C Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Logic Type	NAND Gate
Features - Voltage - Supply $3 \text{ V} \sim 15 \text{ V}$ Current - Quiescent (Max) $4\mu\text{A}$ 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 $30\text{ns}$ @ $15\text{ V}$ , $50\text{pF}$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type $5\text{urface Mount}$ Supplier Device Package $14\text{-SOIC}$ (0.154", 3.90mm Width)	Number of Circuits	3
Voltage - Supply $3\ V \sim 15\ V$ Current - Quiescent (Max) $4\mu A$ 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 $30\text{ns @ 15V}, 50\text{pF}$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type $5\text{urface Mount}$ Supplier Device Package $14\text{-SOIC } (0.154^{\circ}\text{H}, 3.90\text{mm Width})$	Number of Inputs	3
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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  Operating Temperature  -55°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 $30 \text{ns}$ @ $15 \text{V}$ , $50 \text{pF}$ Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-SO}$ Package / Case $14\text{-SOIC}$ ( $0.154^{\circ}$ , $3.90 \text{mm}$ Width)	Current - Quiescent (Max)	$4\mu A$
Logic Level - High  3.5 V ~ 11 V  Max Propagation Delay @ V, Max CL  30ns @ 15V, 50pF  Operating Temperature  -55°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  Operating Temperature  -55°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  -55°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	30ns @ 15V, 50pF
Supplier Device Package 14-SO 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-SO
Report errors?	Package / Case	14-SOIC (0.154", 3.90mm Width)
		Report errors?

## HEC4023BT,118 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.

## **HEC4023BT,118 Payment Methods**



















## **HEC4023BT,118 Shipping Methods**













If you have any question about HEC4023BT,118, please do not hesitate to contact us!

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