



#### 74VHC00FT Information



For Reference Only

Part Number 74VHC00FT

Manufacturer Toshiba Semiconductor and Storage

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC GATE NAND 4CH 2-INP 14TSSOP

Package 14-TSSOP (0.173", 4.40mm Width)
For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# 74VHC00FT Specifications

Manufacturer Part Number       74VHC00FT         Manufacturer       Toshiba Semiconductor and Storage         Category       Integrated Circuits (ICs)         Logic - Gates and Inverters         Package       14-TSSOP (0.173", 4.40mm Width)         Series       TC74VHC         Logic Type       NAND Gate         Number of Circuits       4         Number of Inputs       2         Features       -         Voltage - Supply       2 V ~ 5.5 V         Current - Quiescent (Max)       2μA         Current - Output High, Low       8mA, 8mA         Logic Level - Low       0.5V         Logic Level - High       1.5V         Max Propagation Delay @ V, Max CL       7.5ns @ 5V, 50pF         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount         Supplier Device Package       14-TSSOP         Package / Case       14-TSSOP (0.173", 4.40mm Width)	-	
Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-TSSOP (0.173", 4.40mm Width)           Series         TC74VHC           Logic Type         NAND Gate           Number of Circuits         4           Number of Inputs         2           Features         -           Voltage - Supply         2 V ~ 5.5 V           Current - Quiescent (Max)         2μA           Current - Output High, Low         8mA, 8mA           Logic Level - Low         0.5V           Logic Level - High         1.5V           Max Propagation Delay @ V, Max CL         7.5ns @ 5V, 50pF           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Supplier Device Package         14-TSSOP	Manufacturer Part Number	74VHC00FT
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Features - Voltage - Supply $2 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $8\text{mA}$ , $8\text{mA}$ Logic Level - Low $0.5\text{V}$ Logic Level - High $1.5\text{V}$ Max Propagation Delay @ V, Max CL $7.5\text{ns}$ @ $5\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Supplier Device Package $14\text{-TSSOP}$	Number of Circuits	4
Voltage - Supply $2\ V \sim 5.5\ V$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $8mA, 8mA$ Logic Level - Low $0.5V$ Logic Level - High $1.5V$ Max Propagation Delay @ V, Max CL $7.5ns \ @ 5V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type $Surface \ Mount$ Supplier Device Package $14\text{-TSSOP}$	Number of Inputs	2
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Current - Output High, Low 8mA, 8mA  Logic Level - Low 0.5V  Logic Level - High 1.5V  Max Propagation Delay @ V, Max CL 7.5ns @ 5V, 50pF  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Supplier Device Package 14-TSSOP	Voltage - Supply	2 V ~ 5.5 V
Logic Level - Low0.5VLogic Level - High1.5VMax Propagation Delay @ V, Max CL7.5ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-TSSOP	Current - Quiescent (Max)	2μΑ
Logic Level - High  Max Propagation Delay @ V, Max CL  7.5ns @ 5V, 50pF  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-TSSOP	Current - Output High, Low	8mA, 8mA
Max Propagation Delay @ V, Max CL7.5ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-TSSOP	Logic Level - Low	0.5V
Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Supplier Device Package 14-TSSOP	Logic Level - High	1.5V
Mounting Type Surface Mount Supplier Device Package 14-TSSOP	Max Propagation Delay @ V, Max CL	7.5ns @ 5V, 50pF
Supplier Device Package 14-TSSOP	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
Package / Case 14-TSSOP (0.173", 4.40mm Width)	Supplier Device Package	14-TSSOP
	Package / Case	14-TSSOP (0.173", 4.40mm Width)
Report errors?		Report errors?

#### **74VHC00FT 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.

### 74VHC00FT Payment Methods



















## **74VHC00FT Shipping Methods**













If you have any question about 74VHC00FT, please do not hesitate to contact us!

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