



### 74HC4049D Information

Part Number 74HC4049D

Manufacturer Toshiba Semiconductor and Storage

Category Integrated Circuits (ICs)

Logic - Gates and Inverters

**Description** IC INVERTER 6CH 6-INP 16SOIC **Package** 16-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



Request a Quote

# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









## 74HC4049D Specifications

Manufacturer Part Number         74HC4049D           Manufacturer         Toshiba Semiconductor and Storage           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         16-SOIC (0.154", 3.90mm Width)           Series         74HC           Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         -           Voltage - Supply         2 V ~ 6 V           Current - Quiescent (Max)         1μA           Current - Output High, Low         7.8mA, 7.8mA           Logic Level - Low         0.5 V ~ 1.8 V           Logic Level - High         1.5 V ~ 4.2 V           Max Propagation Delay @ V, Max CL         25ns @ 6V, 150pF           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Supplier Device Package         16-SOIC           Package / Case         16-SOIC (0.154", 3.90mm Width)		
$ \begin{array}{c} \text{Category} & \text{Integrated Circuits (ICs)} \\ \hline & \text{Logic - Gates and Inverters} \\ \hline \text{Package} & \text{I6-SOIC (0.154", 3.90mm Width)} \\ \text{Series} & \text{74HC} \\ \hline \text{Logic Type} & \text{Inverter} \\ \hline \text{Number of Circuits} & 6 \\ \hline \text{Number of Inputs} & 6 \\ \hline \text{Features} & - \\ \hline \text{Voltage - Supply} & 2  \text{V} \sim 6  \text{V} \\ \hline \text{Current - Quiescent (Max)} & 1  \mu \text{A} \\ \hline \text{Current - Output High, Low} & 7.8  \text{mA}, 7.8  \text{mA} \\ \hline \text{Logic Level - Low} & 0.5  \text{V} \sim 1.8  \text{V} \\ \hline \text{Logic Level - High} & 1.5  \text{V} \sim 4.2  \text{V} \\ \hline \text{Max Propagation Delay @ V, Max CL} & 25  \text{ns}  \text{@ 6V, 150pF}} \\ \hline \text{Operating Temperature} & -40  ^{\circ}\text{C} \sim 85  ^{\circ}\text{C} \\ \hline \text{Mounting Type} & \text{Surface Mount} \\ \hline \text{Supplier Device Package} & 16-SOIC} \\ \hline \end{array}$	Manufacturer Part Number	74HC4049D
Package         16-SOIC (0.154", 3.90mm Width)           Series         74HC           Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         -           Voltage - Supply         2 V ~ 6 V           Current - Quiescent (Max)         1μA           Current - Output High, Low         7.8mA, 7.8mA           Logic Level - Low         0.5 V ~ 1.8 V           Logic Level - High         1.5 V ~ 4.2 V           Max Propagation Delay @ V, Max CL         25ns @ 6V, 150pF           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Supplier Device Package         16-SOIC	Manufacturer	Toshiba Semiconductor and Storage
Package $16\text{-SOIC } (0.154", 3.90 \text{mm Width})$ Series $74\text{HC}$ Logic TypeInverterNumber of Circuits $6$ Number of Inputs $6$ Features-Voltage - Supply $2\text{ V} \sim 6\text{ V}$ Current - Quiescent (Max) $1\mu\text{A}$ Current - Output High, Low $7.8\text{mA}, 7.8\text{mA}$ Logic Level - Low $0.5\text{ V} \sim 1.8\text{ V}$ Logic Level - High $1.5\text{ V} \sim 4.2\text{ V}$ Max Propagation Delay @ V, Max CL $25\text{ns}$ @ $6\text{V}$ , $150\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $16\text{-SOIC}$	Category	Integrated Circuits (ICs)
Series       74HC         Logic Type       Inverter         Number of Circuits       6         Number of Inputs       6         Features       -         Voltage - Supply       2 V ~ 6 V         Current - Quiescent (Max)       1μA         Current - Output High, Low       7.8mA, 7.8mA         Logic Level - Low       0.5 V ~ 1.8 V         Logic Level - High       1.5 V ~ 4.2 V         Max Propagation Delay @ V, Max CL       25ns @ 6V, 150pF         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount         Supplier Device Package       16-SOIC		Logic - Gates and Inverters
Logic TypeInverterNumber of Circuits6Number of Inputs6Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)1μACurrent - Output High, Low7.8mA, 7.8mALogic Level - Low0.5 V ~ 1.8 VLogic Level - High1.5 V ~ 4.2 VMax Propagation Delay @ V, Max CL25ns @ 6V, 150pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package16-SOIC	Package	16-SOIC (0.154", 3.90mm Width)
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Series	74HC
Number of Inputs6Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)1μACurrent - Output High, Low7.8mA, 7.8mALogic Level - Low0.5 V ~ 1.8 VLogic Level - High1.5 V ~ 4.2 VMax Propagation Delay @ V, Max CL25ns @ 6V, 150pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package16-SOIC	Logic Type	Inverter
Features $ \begin{array}{ccccccccccccccccccccccccccccccccccc$	Number of Circuits	6
Voltage - Supply $2\ V \sim 6\ V$ $Current - Quiescent (Max) \\ 1\mu A$ $Current - Output High, Low \\ 1.5\ V \sim 1.8\ V$ $Logic Level - High \\ 1.5\ V \sim 4.2\ V$ $Max\ Propagation\ Delay\ @\ V,\ Max\ CL \\ Operating\ Temperature \\ 40^{\circ}C \sim 85^{\circ}C$ $Mounting\ Type \\ Surface\ Mount \\ Supplier\ Device\ Package$ $16\text{-SOIC}$	Number of Inputs	6
Current - Quiescent (Max) $1\mu A$ Current - Output High, Low $7.8mA, 7.8mA$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $25ns @ 6V, 150pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting TypeSurface MountSupplier Device Package $16\text{-SOIC}$	Features	-
Current - Output High, Low $7.8\text{mA}$ , $7.8\text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $25\text{ns}$ @ 6V, $150\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $16\text{-SOIC}$	Voltage - Supply	2 V ~ 6 V
Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $25\text{ns}$ @ 6V, $150\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $16\text{-SOIC}$	Current - Quiescent (Max)	1μA
Logic Level - High  1.5 V ~ 4.2 V  Max Propagation Delay @ V, Max CL  25ns @ 6V, 150pF  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  16-SOIC	Current - Output High, Low	7.8mA, 7.8mA
Max Propagation Delay @ V, Max CL  25ns @ 6V, 150pF  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  16-SOIC	Logic Level - Low	0.5 V ~ 1.8 V
Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Supplier Device Package 16-SOIC	Logic Level - High	1.5 V ~ 4.2 V
Mounting Type Surface Mount Supplier Device Package 16-SOIC	Max Propagation Delay @ V, Max CL	25ns @ 6V, 150pF
Supplier Device Package 16-SOIC	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
Package / Case 16-SOIC (0.154", 3.90mm Width)	Supplier Device Package	16-SOIC
	Package / Case	16-SOIC (0.154", 3.90mm Width)
Report errors?		Report errors?

### 74HC4049D 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.

### 74HC4049D Payment Methods



















### 74HC4049D Shipping Methods













If you have any question about 74HC4049D, please do not hesitate to contact us!

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