



74HC14T14-13 Information



For Reference Only

Part Number 74HC14T14-13

Manufacturer Diodes Incorporated

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC INVERTER GATE HEX 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



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.









74HC14T14-13 Specifications

Manufacturer Part Number $74HC14T14-13$ ManufacturerDiodes IncorporatedCategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage 14 -TSSOP (0.173", 4.40 mm Width)Series $74HC$ Logic TypeInverterNumber of Circuits 6 Number of Inputs 6 Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $20\mu\text{A}$ Current - Output High, Low $5.2\text{mA}, 5.2\text{mA}$ Logic Level - Low $0.3 \text{ V} \sim 1.2 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL 21ns @ 6V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$		
	Manufacturer Part Number	74HC14T14-13
$\begin{array}{c} \text{Logic - Gates and Inverters} \\ \text{Package} & 14\text{-TSSOP } (0.173", 4.40 \text{mm Width}) \\ \text{Series} & 74\text{HC} \\ \text{Logic Type} & \text{Inverter} \\ \text{Number of Circuits} & 6 \\ \text{Number of Inputs} & 6 \\ \text{Features} & - \\ \text{Voltage - Supply} & 2 \text{ V} \sim 6 \text{ V} \\ \text{Current - Quiescent } (\text{Max}) & 20 \mu \text{A} \\ \text{Current - Output High, Low} & 5.2 \text{mA}, 5.2 \text{mA} \\ \text{Logic Level - Low} & 0.3 \text{ V} \sim 1.2 \text{ V} \\ \text{Logic Level - High} & 1.5 \text{ V} \sim 4.2 \text{ V} \\ \text{Max Propagation Delay @ V, Max CL} & 21 \text{ns @ 6V, 50pF} \\ \end{array}$	Manufacturer	Diodes Incorporated
Package 14-TSSOP (0.173", 4.40mm Width) Series 74HC Logic Type Inverter Number of Circuits 6 Number of Inputs 6 Features - Voltage - Supply 2 $V \sim 6$ V Current - Quiescent (Max) 20 μ A Current - Output High, Low 5.2mA, 5.2mA Logic Level - Low 0.3 $V \sim 1.2$ V Logic Level - High 1.5 $V \sim 4.2$ V Max Propagation Delay @ V, Max CL 21ns @ 6V, 50pF	Category	Integrated Circuits (ICs)
Series $74HC$ Logic TypeInverterNumber of Circuits6Number of Inputs6Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $20\mu\text{A}$ Current - Output High, Low 5.2mA , 5.2mA Logic Level - Low $0.3 \text{ V} \sim 1.2 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL 21ns @ 6V , 50pF		Logic - Gates and Inverters
Logic TypeInverterNumber of Circuits6Number of Inputs6Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $20\mu\text{A}$ Current - Output High, Low $5.2\text{mA}, 5.2\text{mA}$ Logic Level - Low $0.3 \text{ V} \sim 1.2 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $21\text{ns} \otimes 6\text{V}, 50\text{pF}$	Package	14-TSSOP (0.173", 4.40mm Width)
Number of Circuits6Number of Inputs6Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $20\mu\text{A}$ Current - Output High, Low 5.2mA , 5.2mA Logic Level - Low $0.3 \text{ V} \sim 1.2 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL 21ns @ 6V, 50pF	Series	74HC
Number of Inputs 6 Features - Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $20\mu\text{A}$ Current - Output High, Low 5.2mA , 5.2mA Logic Level - Low $0.3 \text{ V} \sim 1.2 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $21\text{ns} \otimes 6\text{V}$, 50pF	Logic Type	Inverter
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Number of Circuits	6
$Voltage - Supply \\ Current - Quiescent (Max) \\ Current - Output High, Low \\ 5.2mA, 5.2mA \\ Logic Level - Low \\ 0.3 V \sim 1.2 V \\ Logic Level - High \\ Max Propagation Delay @ V, Max CL \\ 21ns @ 6V, 50pF$	Number of Inputs	6
Current - Quiescent (Max) $20\mu A$ Current - Output High, Low $5.2mA, 5.2mA$ Logic Level - Low $0.3 \ V \sim 1.2 \ V$ Logic Level - High $1.5 \ V \sim 4.2 \ V$ Max Propagation Delay @ V, Max CL $21ns \ @ \ 6V, 50pF$	Features	-
Current - Output High, Low 5.2mA , 5.2mA Logic Level - Low $0.3 \text{ V} \sim 1.2 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $21 \text{ns} \ @ 6 \text{V}$, 50pF	Voltage - Supply	2 V ~ 6 V
	Current - Quiescent (Max)	20μΑ
Logic Level - High 1.5 V ~ 4.2 V Max Propagation Delay @ V, Max CL 21ns @ 6V, 50pF	Current - Output High, Low	5.2mA, 5.2mA
Max Propagation Delay @ V, Max CL 21ns @ 6V, 50pF	Logic Level - Low	0.3 V ~ 1.2 V
	Logic Level - High	1.5 V ~ 4.2 V
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Max Propagation Delay @ V, Max CL	21ns @ 6V, 50pF
	Operating Temperature	-40°C ~ 125°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Supplier Device Package 14-TSSOP	Supplier Device Package	14-TSSOP
Package / Case 14-TSSOP (0.173", 4.40mm Width)	Package / Case	14-TSSOP (0.173", 4.40mm Width)
Report errors?		Report errors?

74HC14T14-13 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.

74HC14T14-13 Payment Methods



















74HC14T14-13 Shipping Methods













If you have any question about 74HC14T14-13, please do not hesitate to contact us!

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