



74ACT14MTC Information



For Reference Only

Part Number 74ACT14MTC

Manufacturer Fairchild/ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC INVERTER HEX SCHMITT 14TSSOP

Package 14-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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74ACT14MTC Specifications

Manufacturer Part Number 74ACT14MTC Manufacturer Fairchild/ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-TSSOP (0.173", 4.40mm Width) Series 74ACT Logic Type Inverter Number of Circuits 6 Number of Inputs 6 Features Schmitt Trigger Voltage - Supply 4.5 V ~ 5.5 V Current - Quiescent (Max) 2μA Current - Output High, Low 24mA, 24mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL 10ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount		
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$\begin{array}{lll} \text{Features} & \text{Schmitt Trigger} \\ \text{Voltage - Supply} & 4.5 \text{ V} \sim 5.5 \text{ V} \\ \text{Current - Quiescent (Max)} & 2\mu\text{A} \\ \text{Current - Output High, Low} & 24\text{mA, 24mA} \\ \text{Logic Level - Low} & 0.8\text{V} \\ \text{Logic Level - High} & 2\text{V} \\ \text{Max Propagation Delay @ V, Max CL} & 10\text{ns @ 5V, 50pF} \\ \text{Operating Temperature} & -40^{\circ}\text{C} \sim 85^{\circ}\text{C} \\ \end{array}$	Number of Circuits	6
Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ $\text{Current - Quiescent (Max)} \qquad 2\mu\text{A}$ $\text{Current - Output High, Low} \qquad 24\text{mA, 24mA}$ $\text{Logic Level - Low} \qquad 0.8\text{V}$ $\text{Logic Level - High} \qquad 2\text{V}$ $\text{Max Propagation Delay @ V, Max CL} \qquad 10\text{ns @ 5V, 50pF}$ $\text{Operating Temperature} \qquad -40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Number of Inputs	6
Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $24mA$, $24mA$ Logic Level - Low $0.8V$ Logic Level - High $2V$ Max Propagation Delay @ V, Max CL $10ns @ 5V$, $50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$	Features	Schmitt Trigger
Current - Output High, Low 24mA , 24mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL $10\text{ns } @ 5\text{V}, 50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Voltage - Supply	4.5 V ~ 5.5 V
Logic Level - Low $0.8V$ Logic Level - High $2V$ Max Propagation Delay @ V, Max CL $10ns @ 5V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$	Current - Quiescent (Max)	2μΑ
Logic Level - High $2V$ Max Propagation Delay @ V, Max CL $10 \text{ns } @ 5\text{V}, 50 \text{pF}$ Operating Temperature $-40 ^{\circ}\text{C} \sim 85 ^{\circ}\text{C}$	Current - Output High, Low	24mA, 24mA
Max Propagation Delay @ V, Max CL 10ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C	Logic Level - Low	0.8V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Logic Level - High	2V
	Max Propagation Delay @ V, Max CL	10ns @ 5V, 50pF
Mounting Type Surface Mount	Operating Temperature	-40°C ~ 85°C
	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?

74ACT14MTC 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.

74ACT14MTC Payment Methods





















74ACT14MTC Shipping Methods













If you have any question about 74ACT14MTC, please do not hesitate to contact us!

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