



MM74HCT14M Information



For Reference Only

Part Number MM74HCT14M

Manufacturer Fairchild/ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC SCHMITT TRIGG HEX INV 14-SOIC

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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MM74HCT14M Specifications

Manufacturer Part Number MM74HCT14M Manufacturer Fairchild/ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-SOIC (0.154", 3.90mm Width) Series 74HCT 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) 1µA Current - Output High, Low 4.8mA, 4.8mA Logic Level - Low 0.5 V ~ 0.6 V Logic Level - High 1.9 V ~ 2.1 V Max Propagation Delay @ V, Max CL 20ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount		
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$\begin{array}{c} \text{Logic - Gates and Inverters} \\ \text{Package} & 14\text{-SOIC } (0.154\text{"}, 3.90\text{mm Width}) \\ \text{Series} & 74\text{HCT} \\ \text{Logic Type} & \text{Inverter} \\ \text{Number of Circuits} & 6 \\ \text{Number of Inputs} & 6 \\ \text{Features} & \text{Schmitt Trigger} \\ \text{Voltage - Supply} & 4.5\text{ V} \sim 5.5\text{ V} \\ \text{Current - Quiescent } (\text{Max}) & 1 \mu \text{A} \\ \text{Current - Output High, Low} & 4.8\text{mA}, 4.8\text{mA} \\ \text{Logic Level - Low} & 0.5\text{ V} \sim 0.6\text{ V} \\ \text{Logic Level - High} & 1.9\text{ V} \sim 2.1\text{ V} \\ \text{Max Propagation Delay @ V, Max CL} & 20\text{ns @ 5V, 50pF} \\ \text{Operating Temperature} & -40^{\circ}\text{C} \sim 85^{\circ}\text{C} \\ \end{array}$	Manufacturer	Fairchild/ON Semiconductor
Package14-SOIC (0.154", 3.90mm Width)Series74HCTLogic TypeInverterNumber of Circuits6Number of Inputs6FeaturesSchmitt TriggerVoltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $1\mu\text{A}$ Current - Output High, Low 4.8mA , 4.8mA Logic Level - Low $0.5 \text{ V} \sim 0.6 \text{ V}$ Logic Level - High $1.9 \text{ V} \sim 2.1 \text{ V}$ Max Propagation Delay @ V, Max CL $20\text{ns} \oplus 5\text{ V}$, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Category	Integrated Circuits (ICs)
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$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Number of Circuits	6
Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $1 \mu A$ Current - Output High, Low $4.8 \text{mA}, 4.8 \text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 0.6 \text{ V}$ Logic Level - High $1.9 \text{ V} \sim 2.1 \text{ V}$ Max Propagation Delay @ V, Max CL 20ns @ 5V, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Number of Inputs	6
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Current - Output High, Low 4.8mA , 4.8mA Logic Level - Low $0.5\text{ V} \sim 0.6\text{ V}$ Logic Level - High $1.9\text{ V} \sim 2.1\text{ V}$ Max Propagation Delay @ V, Max CL 20ns @ 5V, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Voltage - Supply	4.5 V ~ 5.5 V
Logic Level - Low $0.5 \text{ V} \sim 0.6 \text{ V}$ Logic Level - High $1.9 \text{ V} \sim 2.1 \text{ V}$ Max Propagation Delay @ V, Max CL 20ns @ 5V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Current - Quiescent (Max)	$1\mu A$
Logic Level - High $1.9 \text{ V} \sim 2.1 \text{ V}$ Max Propagation Delay @ V, Max CL $20 \text{ns} \oplus 5 \text{V}$, 50pF Operating Temperature $-40 ^{\circ}\text{C} \sim 85 ^{\circ}\text{C}$	Current - Output High, Low	4.8mA, 4.8mA
Max Propagation Delay @ V, Max CL 20ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C	Logic Level - Low	0.5 V ~ 0.6 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Logic Level - High	1.9 V ~ 2.1 V
	Max Propagation Delay @ V, Max CL	20ns @ 5V, 50pF
Mounting Type Surface Mount	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
Supplier Device Package 14-SOIC	Supplier Device Package	14-SOIC
Package / Case 14-SOIC (0.154", 3.90mm Width)	Package / Case	14-SOIC (0.154", 3.90mm Width)
Report errors?		Report errors?

MM74HCT14M 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.

MM74HCT14M Payment Methods



















MM74HCT14M Shipping Methods













If you have any question about MM74HCT14M, please do not hesitate to contact us!

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