

MM74HC14MTCX

MM74HC14MTCX Information



For Reference Only

Part Number MM74HC14MTCX

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC INVERTER SCHMITT 6CH 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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MM74HC14MTCX Specifications

Manufacturer MM74HC14MTCX Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-TSSOP (0.173", 4.40mm Width) Series 74HC Logic Type Inverter Number of Circuits 6 Number of Inputs 6 Features Schmitt Trigger Voltage - Supply 2 V ~ 6 V Current - Quiescent (Max) 2μA Current - Output High, Low 5.2mA, 5.2mA Logic Level - Low 0.3 V ~ 1.2 V Logic Level - High 1.5 V ~ 4.2 V Max Propagation Delay @ V, Max CL 21ns @ 6V, 50pF Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)		
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Series $74HC$ Logic TypeInverterNumber of Circuits6Number of Inputs6FeaturesSchmitt TriggerVoltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu A$ 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 Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)		Logic - Gates and Inverters
Logic Type Number of Circuits 6 Number of Inputs 6 Features Schmitt Trigger Voltage - Supply 2 V ~ 6 V Current - Quiescent (Max) Current - Output High, Low Logic Level - Low Logic Level - High 1.5 V ~ 4.2 V Max Propagation Delay @ V, Max CL Operating Temperature June 20 Surface Mount Supplier Device Package Package / Case Inverter Inverter A Inverter 6 Inverter A 6 Current A Current Current A Current	Package	14-TSSOP (0.173", 4.40mm Width)
Number of Circuits6Number of Inputs6FeaturesSchmitt TriggerVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)2μACurrent - Output High, Low5.2mA, 5.2mALogic Level - Low0.3 V ~ 1.2 VLogic Level - High1.5 V ~ 4.2 VMax Propagation Delay @ V, Max CL21ns @ 6V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	Series	74HC
Number of Inputs6FeaturesSchmitt TriggerVoltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)2μACurrent - Output High, Low5.2mA, 5.2mALogic Level - Low0.3 V ~ 1.2 VLogic Level - High1.5 V ~ 4.2 VMax Propagation Delay @ V, Max CL21ns @ 6V, 50pFOperating Temperature-55°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	Logic Type	Inverter
FeaturesSchmitt TriggerVoltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ 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 Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Number of Circuits	6
$\begin{tabular}{llll} Voltage - Supply & 2 \ V \sim 6 \ V \\ Current - Quiescent (Max) & 2 \mu A \\ Current - Output High, Low & 5.2 mA, 5.2 mA \\ Logic Level - Low & 0.3 \ V \sim 1.2 \ V \\ Logic Level - High & 1.5 \ V \sim 4.2 \ V \\ Max Propagation Delay @ V, Max CL & 21 ns @ 6 V, 50 pF \\ Operating Temperature & -55 ^{\circ}C \sim 125 ^{\circ}C \\ Mounting Type & Surface Mount \\ Supplier Device Package & 14-TSSOP \\ Package / Case & 14-TSSOP (0.173", 4.40 mm Width) \\ \end{tabular}$	Number of Inputs	6
Current - Quiescent (Max) Current - Output High, Low 5.2mA, 5.2mA Logic Level - Low 0.3 V ~ 1.2 V Logic Level - High 1.5 V ~ 4.2 V Max Propagation Delay @ V, Max CL 21ns @ 6V, 50pF Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Features	Schmitt Trigger
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 Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Voltage - Supply	2 V ~ 6 V
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 $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173° , 4.40mm Width)	Current - Quiescent (Max)	$2\mu A$
Logic Level - High 1.5 V ~ 4.2 V Max Propagation Delay @ V, Max CL 21ns @ 6V, 50pF Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Current - Output High, Low	5.2mA, 5.2mA
Max Propagation Delay @ V, Max CL 21ns @ 6V, 50pF Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Logic Level - Low	0.3 V ~ 1.2 V
Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Logic Level - High	1.5 V ~ 4.2 V
Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Max Propagation Delay @ V, Max CL	21ns @ 6V, 50pF
Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Operating Temperature	-55°C ~ 125°C
Package / Case 14-TSSOP (0.173", 4.40mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	14-TSSOP
Report errors?	Package / Case	14-TSSOP (0.173", 4.40mm Width)
		Report errors?

MM74HC14MTCX 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.

MM74HC14MTCX Payment Methods



















MM74HC14MTCX Shipping Methods













If you have any question about MM74HC14MTCX, please do not hesitate to contact us!

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