



74LCX14MTCX Information



For Reference Only

Part Number 74LCX14MTCX

Manufacturer Fairchild/ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC INVERTER HEX 5V SCHM 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.









74LCX14MTCX Specifications

Manufacturer 74LCX14MTCX Manufacturer Fairchild/ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-TSSOP (0.173", 4.40mm Width) Series 74LCX Logic Type Inverter Number of Circuits 6 Number of Inputs 6 Features Schmitt Trigger Voltage - Supply 2 V ~ 3.6 V Current - Quiescent (Max) 10μA Current - Output High, Low 24mA, 24mA Logic Level - Low 0.4 V ~ 0.6 V Logic Level - High 1.7 V ~ 2.2 V Max Propagation Delay @ V, Max CL 6.5ns @ 3.3V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)		
Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-TSSOP (0.173", 4.40mm Width) Series 74LCX Logic Type Inverter Number of Circuits 6 Number of Inputs 6 Features Schmitt Trigger Voltage - Supply 2 V ~ 3.6 V Current - Quiescent (Max) 10μA Current - Output High, Low 24mA, 24mA Logic Level - Low 0.4 V ~ 0.6 V Logic Level - High 1.7 V ~ 2.2 V Max Propagation Delay @ V, Max CL 6.5ns @ 3.3V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Manufacturer Part Number	74LCX14MTCX
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Manufacturer	Fairchild/ON Semiconductor
Package 14-TSSOP (0.173", 4.40mm Width) Series 74LCX Logic Type Inverter Number of Circuits 6 Number of Inputs 6 Features Schmitt Trigger Voltage - Supply 2 V ~ 3.6 V Current - Quiescent (Max) 10μA Current - Output High, Low 24mA, 24mA Logic Level - Low 0.4 V ~ 0.6 V Logic Level - High 1.7 V ~ 2.2 V Max Propagation Delay @ V, Max CL 6.5ns @ 3.3V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Category	Integrated Circuits (ICs)
Series74LCXLogic TypeInverterNumber of Circuits6Number of Inputs6FeaturesSchmitt TriggerVoltage - Supply2 V ~ 3.6 VCurrent - Quiescent (Max)10μACurrent - Output High, Low24mA, 24mALogic Level - Low0.4 V ~ 0.6 VLogic Level - High1.7 V ~ 2.2 VMax Propagation Delay @ V, Max CL6.5ns @ 3.3V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)		Logic - Gates and Inverters
Logic Type Inverter Number of Circuits 6 Number of Inputs 6 Features Schmitt Trigger Voltage - Supply 2 V ~ 3.6 V Current - Quiescent (Max) 10μA Current - Output High, Low 24mA, 24mA Logic Level - Low 0.4 V ~ 0.6 V Logic Level - High 1.7 V ~ 2.2 V Max Propagation Delay @ V, Max CL 6.5ns @ 3.3V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Package	14-TSSOP (0.173", 4.40mm Width)
Number of Circuits6Number of Inputs6FeaturesSchmitt TriggerVoltage - Supply $2 \text{ V} \sim 3.6 \text{ V}$ Current - Quiescent (Max) $10\mu\text{A}$ Current - Output High, Low 24mA , 24mA Logic Level - Low $0.4 \text{ V} \sim 0.6 \text{ V}$ Logic Level - High $1.7 \text{ V} \sim 2.2 \text{ V}$ Max Propagation Delay @ V, Max CL 6.5ns @ 3.3V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173° , 4.40mm Width)	Series	74LCX
Number of Inputs6FeaturesSchmitt TriggerVoltage - Supply2 V ~ 3.6 VCurrent - Quiescent (Max)10μACurrent - Output High, Low24mA, 24mALogic Level - Low0.4 V ~ 0.6 VLogic Level - High1.7 V ~ 2.2 VMax Propagation Delay @ V, Max CL6.5ns @ 3.3V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-TSSOPPackage / Case14-TSSOP (0.173", 4.40mm Width)	Logic Type	Inverter
Features Schmitt Trigger $ 2\ V \sim 3.6\ V $ Current - Quiescent (Max) $ 10\mu A $ Current - Output High, Low $ 24mA, 24mA $ Logic Level - Low $ 0.4\ V \sim 0.6\ V $ Logic Level - High $ 1.7\ V \sim 2.2\ V $ Max Propagation Delay @ V, Max CL $ 6.5ns @ 3.3V, 50pF $ Operating Temperature $ -40^{\circ}C \sim 85^{\circ}C $ Mounting Type $ Surface\ Mount $ Supplier Device Package $ 14-TSSOP $ Package / Case $ 14-TSSOP\ (0.173", 4.40mm\ Width) $	Number of Circuits	6
Voltage - Supply $2\ V \sim 3.6\ V$ Current - Quiescent (Max) $10\mu A$ Current - Output High, Low $24mA, 24mA$ Logic Level - Low $0.4\ V \sim 0.6\ V$ Logic Level - High $1.7\ V \sim 2.2\ V$ Max Propagation Delay @ V, Max CL $6.5ns\ @\ 3.3V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type $Surface\ Mount$ Supplier Device Package 14-TSSOP Package / Case $14\text{-TSSOP}\ (0.173'', 4.40mm\ Width)$	Number of Inputs	6
Current - Quiescent (Max) $10\mu A$ Current - Output High, Low $24mA, 24mA$ Logic Level - Low $0.4 \ V \sim 0.6 \ V$ Logic Level - High $1.7 \ V \sim 2.2 \ V$ Max Propagation Delay @ V, Max CL $6.5ns \ @ 3.3V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ 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 $24\text{mA}, 24\text{mA}$ Logic Level - Low $0.4 \text{ V} \sim 0.6 \text{ V}$ Logic Level - High $1.7 \text{ V} \sim 2.2 \text{ V}$ Max Propagation Delay @ V, Max CL $6.5\text{ns } @ 3.3\text{V}, 50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case $14\text{-TSSOP} (0.173'', 4.40\text{mm Width})$	Voltage - Supply	2 V ~ 3.6 V
Logic Level - Low $0.4 \text{ V} \sim 0.6 \text{ V}$ Logic Level - High $1.7 \text{ V} \sim 2.2 \text{ V}$ Max Propagation Delay @ V, Max CL 6.5ns @ 3.3V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173° , 4.40mm Width)	Current - Quiescent (Max)	10μΑ
Logic Level - High 1.7 V ~ 2.2 V Max Propagation Delay @ V, Max CL 6.5ns @ 3.3V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Current - Output High, Low	24mA, 24mA
Max Propagation Delay @ V, Max CL 6.5ns @ 3.3V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Logic Level - Low	0.4 V ~ 0.6 V
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Logic Level - High	1.7 V ~ 2.2 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	6.5ns @ 3.3V, 50pF
Supplier Device Package 14-TSSOP Package / Case 14-TSSOP (0.173", 4.40mm Width)	Operating Temperature	-40°C ~ 85°C
Package / Case 14-TSSOP (0.173", 4.40mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	14-TSSOP
Poport arrors?	Package / Case	14-TSSOP (0.173", 4.40mm Width)
Report errors?		Report errors?

74LCX14MTCX 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.

74LCX14MTCX Payment Methods



















74LCX14MTCX Shipping Methods













If you have any question about 74LCX14MTCX, please do not hesitate to contact us!

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