



## 74VHC14MTC Information



For Reference Only

Part Number 74VHC14MTC

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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## **74VHC14MTC Specifications**

Manufacturer         74VHC14MTC           Manufacturer         ON Semiconductor           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-TSSOP (0.173", 4.40mm Width)           Series         74VHC           Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         Schmitt Trigger           Voltage - Supply         2 V ~ 5.5 V           Current - Quiescent (Max)         2μA           Current - Output High, Low         8mA, 8mA           Logic Level - Low         0.9 V ~ 1.65 V           Logic Level - High         2.2 V ~ 3.85 V           Max Propagation Delay @ V, Max CL         10.6ns @ 5V, 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)		
CategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage $14\text{-TSSOP }(0.173", 4.40\text{mm Width})$ Series $74\text{VHC}$ Logic TypeInverterNumber of Circuits $6$ Number of Inputs $6$ FeaturesSchmitt TriggerVoltage - Supply $2\text{ V} \sim 5.5\text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $8\text{mA}$ , $8\text{mA}$ Logic Level - Low $0.9\text{ V} \sim 1.65\text{ V}$ Logic Level - High $2.2\text{ V} \sim 3.85\text{ V}$ Max Propagation Delay @ V, Max CL $10.6\text{ns}$ @ $5\text{ V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$	Manufacturer Part Number	74VHC14MTC
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Features Schmitt Trigger $ 2 \ V \sim 5.5 \ V $ Current - Quiescent (Max) $ 2\mu A $ Current - Output High, Low $ 8mA, 8mA $ Logic Level - Low $ 0.9 \ V \sim 1.65 \ V $ Logic Level - High $ 2.2 \ V \sim 3.85 \ V $ Max Propagation Delay @ V, Max CL $ 10.6ns \ @ 5V, 50pF $ Operating Temperature $ -40^{\circ}C \sim 85^{\circ}C $ Mounting Type $ Surface \ Mount $ Supplier Device Package $ 14-TSSOP $	Number of Circuits	6
Voltage - Supply $2 \text{ V} \sim 5.5 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $8\text{mA}$ , $8\text{mA}$ Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.2 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $10.6\text{ns}$ @ $5\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$	Number of Inputs	6
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Current - Output High, Low  8mA, 8mA  Logic Level - Low  0.9 V ~ 1.65 V  Logic Level - High  2.2 V ~ 3.85 V  Max Propagation Delay @ V, Max CL  10.6ns @ 5V, 50pF  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-TSSOP	Voltage - Supply	2 V ~ 5.5 V
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Max Propagation Delay @ V, Max CL  10.6ns @ 5V, 50pF  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-TSSOP	Logic Level - Low	0.9 V ~ 1.65 V
Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Supplier Device Package 14-TSSOP	Logic Level - High	2.2 V ~ 3.85 V
Mounting Type Surface Mount Supplier Device Package 14-TSSOP	Max Propagation Delay @ V, Max CL	10.6ns @ 5V, 50pF
Supplier Device Package 14-TSSOP	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
Package / Case 14-TSSOP (0.173" 4.40mm Width)	Supplier Device Package	14-TSSOP
14 10001 (0.175, 4.40iiiii Widii)	Package / Case	14-TSSOP (0.173", 4.40mm Width)
Report errors?		Report errors?

#### **74VHC14MTC 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.

# 74VHC14MTC Payment Methods



















### **74VHC14MTC Shipping Methods**













If you have any question about 74VHC14MTC, please do not hesitate to contact us!

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