



### **MM74HC04MTC Information**



For Reference Only

Part Number MM74HC04MTC

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

DescriptionIC INVERTER 6CH 6-INP 14TSSOPPackage14-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.









# **MM74HC04MTC Specifications**

Manufacturer Part Number         MM74HC04MTC           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         -           Voltage - Supply         2 V ~ 6 V           Current - Quiescent (Max)         2μA           Current - Output High, Low         5.2mA, 5.2mA           Logic Level - Low         0.5 V ~ 1.8 V           Logic Level - High         1.5 V ~ 4.2 V           Max Propagation Delay @ V, Max CL         16ns @ 6V, 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 $74\text{HC}$ Logic TypeInverterNumber of Circuits $6$ Number of Inputs $6$ Features-Voltage - Supply $2\text{ V} \sim 6\text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $5.2\text{mA}, 5.2\text{mA}$ Logic Level - Low $0.5\text{ V} \sim 1.8\text{ V}$ Logic Level - High $1.5\text{ V} \sim 4.2\text{ V}$ Max Propagation Delay @ V, Max CL $16\text{ns}$ @ $6\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$	Manufacturer Part Number	MM74HC04MTC
Package         14-TSSOP (0.173", 4.40mm Width)           Series         74HC           Logic Type         Inverter           Number of Circuits         6           Number of Inputs         6           Features         -           Voltage - Supply         2 V ~ 6 V           Current - Quiescent (Max)         2μA           Current - Output High, Low         5.2mA, 5.2mA           Logic Level - Low         0.5 V ~ 1.8 V           Logic Level - High         1.5 V ~ 4.2 V           Max Propagation Delay @ V, Max CL         16ns @ 6V, 50pF           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Supplier Device Package         14-TSSOP	Manufacturer	ON Semiconductor
Package $14\text{-TSSOP (0.173", 4.40mm Width)}}$ Series $74\text{HC}$ Logic TypeInverterNumber of Circuits $6$ Number of Inputs $6$ Features-Voltage - Supply $2\text{ V} \sim 6\text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $5.2\text{mA}$ , $5.2\text{mA}$ Logic Level - Low $0.5\text{ V} \sim 1.8\text{ V}$ Logic Level - High $1.5\text{ V} \sim 4.2\text{ V}$ Max Propagation Delay @ V, Max CL $16\text{ns @ 6V, 50pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$	Category	Integrated Circuits (ICs)
Series $74HC$ Logic TypeInverterNumber of Circuits6Number of Inputs6Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $5.2\text{mA}$ , $5.2\text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $16\text{ns}$ @ 6V, $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$		Logic - Gates and Inverters
Logic TypeInverterNumber of Circuits6Number of Inputs6Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $5.2\text{mA}$ , $5.2\text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $16\text{ns}$ @ $6\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$	Package	14-TSSOP (0.173", 4.40mm Width)
Number of Circuits6Number of Inputs6Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $5.2\text{mA}, 5.2\text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $16\text{ns}$ @ $6\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$	Series	74HC
Number of Inputs       6         Features       -         Voltage - Supply       2 V ~ 6 V         Current - Quiescent (Max)       2μA         Current - Output High, Low       5.2mA, 5.2mA         Logic Level - Low       0.5 V ~ 1.8 V         Logic Level - High       1.5 V ~ 4.2 V         Max Propagation Delay @ V, Max CL       16ns @ 6V, 50pF         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount         Supplier Device Package       14-TSSOP	Logic Type	Inverter
Features $ \begin{array}{ccccccccccccccccccccccccccccccccccc$	Number of Circuits	6
Voltage - Supply $2\ V \sim 6\ V$ $Current - Quiescent (Max) \\ Current - Output High, Low \\ Logic Level - Low \\ Logic Level - High \\ Max Propagation Delay @ V, Max CL 16ns @ 6V, 50pF Operating Temperature \\ Mounting Type \\ Surface Mount \\ Supplier Device Package 14-TSSOP$	Number of Inputs	6
Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $5.2mA$ , $5.2mA$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $16ns @ 6V$ , $50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$	Features	-
Current - Output High, Low $5.2\text{mA}$ , $5.2\text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $16\text{ns}$ @ $6\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$	Voltage - Supply	2 V ~ 6 V
Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $16\text{ns}$ @ $6\text{V}$ , $50\text{pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-TSSOP}$	Current - Quiescent (Max)	2μΑ
Logic Level - High  1.5 V ~ 4.2 V  Max Propagation Delay @ V, Max CL  16ns @ 6V, 50pF  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-TSSOP	Current - Output High, Low	5.2mA, 5.2mA
Max Propagation Delay @ V, Max CL  16ns @ 6V, 50pF  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-TSSOP	Logic Level - Low	0.5 V ~ 1.8 V
Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Supplier Device Package 14-TSSOP	Logic Level - High	1.5 V ~ 4.2 V
Mounting Type Surface Mount Supplier Device Package 14-TSSOP	Max Propagation Delay @ V, Max CL	16ns @ 6V, 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
	Package / Case	14-TSSOP (0.173", 4.40mm Width)
Report errors?		Report errors?

### **MM74HC04MTC 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.

# **MM74HC04MTC Payment Methods**



















## **MM74HC04MTC Shipping Methods**













If you have any question about MM74HC04MTC, please do not hesitate to contact us!

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