



#### **MM74HC04SJ Information**

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For Reference Only

Part Number MM74HC04SJ

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC INVERTER 6CH 6-INP 14SOP **Package** 14-SOIC (0.209", 5.30mm Width)

For the pricing/inventory/lead time, please contact

us

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



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# **Certified Quality**

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## **MM74HC04SJ Specifications**

Manufacturer Part Number         MM74HC04SJ           Manufacturer         ON Semiconductor           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters         Logic - Gates and Inverters           Package         14-SOIC (0.209", 5.30mm 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           Surplier Device Package         14-SOP		
Category  Integrated Circuits (ICs)  Logic - Gates and Inverters  Package  14-SOIC $(0.209^{\circ}, 5.30 \text{mm Width})$ Series  74HC  Logic Type  Inverter  Number of Circuits  6  Number of Inputs  6  Features  -  Voltage - Supply  2 V ~ 6 V  Current - Quiescent (Max)  Current - Output High, Low  Logic Level - Low  Logic Level - High  Max Propagation Delay @ V, Max CL  Mounting Type  Integrated Circuits (ICs)  Logic - Gates and Inverters  14-SOIC $(0.209^{\circ}, 5.30 \text{mm Width})$ 6  Curverter  2 V ~ 6 V  2 V ~ 6 V  2 V ~ 6 V  2 U ~ 6 V  2 U ~ 6 V  2 U ~ 6 V  2 U ~ 6 V  2 U ~ 6 V  2 U ~ 6 V  2 U ~ 6 V  2 U ~ 6 V  2 U ~ 6 V  2 U ~ 6 V  2 U ~ 6 V  2 U ~ 6 V  2 U ~ 6 V  2 U ~ 6 V  2 U ~ 6 V  2 U ~ 6 V  3 Som A  4 O ~ 6 V  5 Sop F  4 O ~ 85 ° C  Mounting Type  Surface Mount	Manufacturer Part Number	MM74HC04SJ
PackageLogic - Gates and InvertersPackage14-SOIC (0.209", 5.30mm Width)Series74HCLogic TypeInverterNumber of Circuits6Number of Inputs6Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)2µACurrent - Output High, Low5.2mA, 5.2mALogic Level - Low0.5 V ~ 1.8 VLogic Level - High1.5 V ~ 4.2 VMax Propagation Delay @ V, Max CL16ns @ 6V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface Mount	Manufacturer	ON Semiconductor
Package $14\text{-SOIC}$ (0.209", 5.30mm 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 Mount	Category	Integrated Circuits (ICs)
Series $74HC$ 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 Mount		Logic - Gates and Inverters
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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 Mount	Series	74HC
Number of Inputs 6 Features - Voltage - Supply 2 $V \sim 6 V$ Current - Quiescent (Max) 2 $\mu$ A Current - Output High, Low 5.2mA, 5.2mA Logic Level - Low 0.5 $V \sim 1.8 V$ Logic Level - High 1.5 $V \sim 4.2 V$ Max Propagation Delay @ $V$ , Max CL 16ns @ $6V$ , $50pF$ Operating Temperature - $40^{\circ}$ C $\sim 85^{\circ}$ C Mounting Type Surface Mount	Logic Type	Inverter
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Number of Circuits	6
Voltage - Supply $2\ V \sim 6\ V$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $5.2mA, 5.2mA$ Logic Level - Low $0.5\ V \sim 1.8\ V$ Logic Level - High $1.5\ V \sim 4.2\ V$ Max Propagation Delay @ V, Max CL $16ns\ @ 6V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type $Surface\ Mount$	Number of Inputs	6
Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $5.2mA$ , $5.2mA$ $0.5 \text{ V} \sim 1.8 \text{ V}$ 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 Type Surface Mount	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 $16 \text{ns} \otimes 6 \text{ V}$ , $50 \text{pF}$ Operating Temperature $-40 ^{\circ}\text{C} \sim 85 ^{\circ}\text{C}$ Mounting TypeSurface Mount	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 Mount	Current - Quiescent (Max)	2μΑ
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 Mount	Current - Output High, Low	5.2mA, 5.2mA
Max Propagation Delay @ V, Max CL16ns @ 6V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface Mount	Logic Level - Low	0.5 V ~ 1.8 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount	Logic Level - High	1.5 V ~ 4.2 V
Mounting Type Surface Mount	Max Propagation Delay @ V, Max CL	16ns @ 6V, 50pF
2.55	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 14-SOP	Mounting Type	Surface Mount
zappani zamen	Supplier Device Package	14-SOP
Package / Case 14-SOIC (0.209", 5.30mm Width)	Package / Case	14-SOIC (0.209", 5.30mm Width)
Report errors?		Report errors?

#### **MM74HC04SJ 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.

### **MM74HC04SJ Payment Methods**



















### **MM74HC04SJ Shipping Methods**













If you have any question about MM74HC04SJ, please do not hesitate to contact us!

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