

### **74AC04SJ Information**

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For Reference Only

Part Number 74AC04SJ

ManufacturerFairchild/ON SemiconductorCategoryIntegrated Circuits (ICs)<br/>Logic - Gates and Inverters

**Description** IC INVERTER HEX 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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## **74AC04SJ Specifications**

Manufacturer Part Number74AC04SJManufacturerFairchild/ON SemiconductorCategoryIntegrated Circuits (ICs)Logic - Gates and InvertersPackage14-SOIC (0.209", 5.30mm Width)Series74ACLogic TypeInverterNumber of Circuits6Number of Inputs6Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)2 $\mu$ ACurrent - Output High, Low24mA, 24mALogic Level - Low0.9 V ~ 1.65 VLogic Level - High2.1 V ~ 3.85 V		
Category Integrated Circuits (ICs)  Logic - Gates and Inverters  Package 14-SOIC (0.209", 5.30mm Width)  Series 74AC  Logic Type Inverter  Number of Circuits 6  Number of Inputs 6  Features -  Voltage - Supply 2 $V \sim 6V$ Current - Quiescent (Max) 2 $\mu$ A  Current - Output High, Low 24mA, 24mA  Logic Level - Low 0.9 $V \sim 1.65 V$	Manufacturer Part Number	74AC04SJ
$\begin{array}{c} Logic - Gates \ and \ Inverters \\ \\ Package & 14-SOIC \ (0.209'', 5.30mm \ Width) \\ \\ Series & 74AC \\ \\ Logic \ Type & Inverter \\ \\ Number \ of \ Circuits & 6 \\ \\ Number \ of \ Inputs & 6 \\ \\ Features & - \\ \\ Voltage - Supply & 2 \ V \sim 6 \ V \\ \\ Current - Quiescent \ (Max) & 2\mu A \\ \\ Current - Output \ High, \ Low & 24mA, 24mA \\ \\ Logic \ Level - Low & 0.9 \ V \sim 1.65 \ V \\ \end{array}$	Manufacturer	Fairchild/ON Semiconductor
Package14-SOIC (0.209", 5.30mm Width)Series74ACLogic TypeInverterNumber of Circuits6Number of Inputs6Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)2μACurrent - Output High, Low24mA, 24mALogic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$	Category	Integrated Circuits (ICs)
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		Logic - Gates and Inverters
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Package	14-SOIC (0.209", 5.30mm Width)
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Series	74AC
Number of Inputs 6 Features - Voltage - Supply 2 $V \sim 6 V$ Current - Quiescent (Max) 2 $\mu$ A Current - Output High, Low 24 $\mu$ A, 24 $\mu$ A Logic Level - Low 0.9 $V \sim 1.65 V$	Logic Type	Inverter
Features - Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $24\text{mA}$ , $24\text{mA}$ Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$	Number of Circuits	6
Voltage - Supply $2\ V \sim 6\ V$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $24mA, 24mA$ Logic Level - Low $0.9\ V \sim 1.65\ V$	Number of Inputs	6
Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $24mA$ , $24mA$ Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$	Features	-
Current - Output High, Low 24mA, 24mA Logic Level - Low 0.9 V ~ 1.65 V	Voltage - Supply	2 V ~ 6 V
Logic Level - Low 0.9 V ~ 1.65 V	Current - Quiescent (Max)	2μΑ
	Current - Output High, Low	24mA, 24mA
Logic Level - High 2.1 V ~ 3.85 V	Logic Level - Low	0.9 V ~ 1.65 V
	Logic Level - High	2.1 V ~ 3.85 V
Max Propagation Delay @ V, Max CL 7ns @ 5V, 50pF	Max Propagation Delay @ V, Max CL	7ns @ 5V, 50pF
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Operating Temperature	-40°C ~ 85°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Supplier Device Package 14-SOP	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?

### **74AC04SJ 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.

### 74AC04SJ Payment Methods



















## 74AC04SJ Shipping Methods













If you have any question about 74AC04SJ, please do not hesitate to contact us!

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