

### **74AC10SJ Information**

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For Reference Only

Part Number 74AC10SJ

Manufacturer Fairchild/ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

**Description** IC GATE NAND 3CH 3-INP 14-SOIC **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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# **74AC10SJ Specifications**

Manufacturer Part Number         74AC10SJ           Manufacturer         Fairchild/ON Semiconductor           Category         Integrated Circuits (ICs)           Logic - Gates and Inverters           Package         14-SOIC (0.209", 5.30mm Width)           Series         74AC           Logic Type         NAND Gate           Number of Circuits         3           Number of Inputs         3           Features         -           Voltage - Supply         2 V ~ 6 V           Current - Quiescent (Max)         2μA           Current - Output High, Low         24mA, 24mA           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           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Supplier Device Package         14-SOP           Package / Case         14-SOIC (0.209", 5.30mm Width)		
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Number of Circuits3Number of Inputs3Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)2μACurrent - Output High, Low24mA, 24mALogic Level - Low0.9 V ~ 1.65 VLogic Level - High2.1 V ~ 3.85 VMax Propagation Delay @ V, Max CL7ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-SOPPackage / Case14-SOIC (0.209", 5.30mm Width)	Series	74AC
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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 Level - High 2.1 $V \sim 3.85 V$ Max Propagation Delay @ V, Max CL 7 $\mu$ S @ 5V, 50pF Operating Temperature -40°C $\sim 85$ °C Mounting Type Surface Mount Supplier Device Package 14-SOIC (0.209", 5.30mm Width)	Number of Circuits	3
Voltage - Supply $2\ V \sim 6\ V$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $24mA, 24mA$ Logic Level - Low $0.9\ V \sim 1.65\ V$ Logic Level - High $2.1\ V \sim 3.85\ V$ Max Propagation Delay @ V, Max CL $7ns\ @\ 5V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type $Surface\ Mount$ Supplier Device Package $14-SOP$ Package / Case $14-SOIC\ (0.209", 5.30mm\ Width)$	Number of Inputs	3
Current - Quiescent (Max) $2\mu A$ $2\mu A$ $24mA$ , $24mA$ $2$	Features	-
Current - Output High, Low  24mA, 24mA  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  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-SOP  Package / Case  14-SOIC (0.209", 5.30mm Width)	Voltage - Supply	2 V ~ 6 V
Logic Level - Low $0.9 \text{ V} \sim 1.65 \text{ V}$ Logic Level - High $2.1 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $7\text{ns @ 5V, 50pF}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14\text{-SOP}$ Package / Case $14\text{-SOIC (0.209", 5.30mm Width)}$	Current - Quiescent (Max)	2μΑ
Logic Level - High  2.1 V ~ 3.85 V  Max Propagation Delay @ V, Max CL  7ns @ 5V, 50pF  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-SOP  Package / Case  14-SOIC (0.209", 5.30mm Width)	Current - Output High, Low	24mA, 24mA
Max Propagation Delay @ V, Max CL  7ns @ 5V, 50pF  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Supplier Device Package  14-SOP  Package / Case  14-SOIC (0.209", 5.30mm Width)	Logic Level - Low	0.9 V ~ 1.65 V
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Mounting Type Surface Mount  Supplier Device Package 14-SOP  Package / Case 14-SOIC (0.209", 5.30mm Width)	Max Propagation Delay @ V, Max CL	7ns @ 5V, 50pF
Supplier Device Package 14-SOP Package / Case 14-SOIC (0.209", 5.30mm Width)	Operating Temperature	-40°C ~ 85°C
Package / Case 14-SOIC (0.209", 5.30mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	14-SOP
Report errors?	Package / Case	14-SOIC (0.209", 5.30mm Width)
		Report errors?

### **74AC10SJ 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.

# 74AC10SJ Payment Methods





















## 74AC10SJ Shipping Methods













If you have any question about 74AC10SJ, please do not hesitate to contact us!

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