



74AC08SCX Information



For Reference Only

Part Number 74AC08SCX

Manufacturer Fairchild/ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE AND 4CH 2-INP 14-SOIC **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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74AC08SCX Specifications

Manufacturer Part Number 74AC08SCX Manufacturer Fairchild/ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-SOIC (0.154", 3.90mm Width) Series 74AC Logic Type AND Gate Number of Circuits 4 Number of Inputs 2 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 7.5ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount		
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$\begin{array}{c} \text{Logic - Gates and Inverters} \\ \text{Package} & 14\text{-SOIC } (0.154\text{"}, 3.90\text{mm Width}) \\ \text{Series} & 74\text{AC} \\ \text{Logic Type} & \text{AND Gate} \\ \text{Number of Circuits} & 4 \\ \text{Number of Inputs} & 2 \\ \text{Features} & - \\ \text{Voltage - Supply} & 2 \text{ V} \sim 6 \text{ V} \\ \text{Current - Quiescent } (\text{Max}) & 2 \\ \text{Current - Output High, Low} & 24\text{mA}, 24\text{mA} \\ \text{Logic Level - Low} & 0.9 \text{ V} \sim 1.65 \text{ V} \\ \text{Logic Level - High} & 2.1 \text{ V} \sim 3.85 \text{ V} \\ \text{Max Propagation Delay @ V, Max CL} & 7.5\text{ns @ 5V, 50pF} \\ \text{Operating Temperature} & -40^{\circ}\text{C} \sim 85^{\circ}\text{C} \\ \end{array}$	Manufacturer	Fairchild/ON Semiconductor
Package 14-SOIC (0.154", 3.90mm Width) Series 74AC Logic Type AND Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 $V \sim 6$ V Current - Quiescent (Max) 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 7.5ns @ 5 V , 50pF Operating Temperature - $V \sim 4$	Category	Integrated Circuits (ICs)
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$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Number of Circuits	4
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 $7.5ns\ @ 5V, 50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$	Number of Inputs	2
Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $24mA$, $24mA$ 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 $7.5ns \otimes 5V$, $50pF$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$	Features	-
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Logic Level - High $2.1 \text{ V} \sim 3.85 \text{ V}$ Max Propagation Delay @ V, Max CL $7.5 \text{ns} \otimes 5 \text{V}$, 50pF Operating Temperature $-40 ^{\circ}\text{C} \sim 85 ^{\circ}\text{C}$	Current - Output High, Low	24mA, 24mA
Max Propagation Delay @ V, Max CL 7.5ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C	Logic Level - Low	0.9 V ~ 1.65 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Logic Level - High	2.1 V ~ 3.85 V
	Max Propagation Delay @ V, Max CL	7.5ns @ 5V, 50pF
Mounting Type Surface Mount	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
Supplier Device Package 14-SOIC	Supplier Device Package	14-SOIC
Package / Case 14-SOIC (0.154", 3.90mm Width)	Package / Case	14-SOIC (0.154", 3.90mm Width)
Report errors?		Report errors?

74AC08SCX 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.

74AC08SCX Payment Methods



















74AC08SCX Shipping Methods













If you have any question about 74AC08SCX, please do not hesitate to contact us!

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