



74VHC08N Information



For Reference Only

Part Number 74VHC08N

Manufacturer Fairchild/ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE AND 4CH 2-INP 14-DIP

Package 14-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

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



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74VHC08N Specifications

Manufacturer Part Number 74VHC08N Manufacturer Fairchild/ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-DIP (0.300", 7.62mm) Series 74VHC Logic Type AND Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 2 V ~ 5.5 V Current - Quiescent (Max) 2μA Current - Output High, Low 8mA, 8mA Logic Level - Low 0.5V Logic Level - High 1.5V Max Propagation Delay @ V, Max CL 7.9ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C		
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$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		Logic - Gates and Inverters
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Package	14-DIP (0.300", 7.62mm)
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Series	74VHC
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Logic Type	AND Gate
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Number of Circuits	4
$Voltage - Supply \\ Current - Quiescent (Max) \\ Current - Output High, Low \\ End SmA, 8mA \\ Logic Level - Low \\ Logic Level - High \\ Max Propagation Delay @ V, Max CL \\ 2 V ~ 5.5 V \\ 2 \mu A \\ 8mA, 8mA \\ 0.5 V \\ 1.5 V \\ 7.9 ns @ 5 V, 50 pF$	Number of Inputs	2
Current - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.5VLogic Level - High1.5VMax Propagation Delay @ V, Max CL7.9ns @ 5V, 50pF	Features	-
Current - Output High, Low Logic Level - Low Logic Level - High 1.5V Max Propagation Delay @ V, Max CL 7.9ns @ 5V, 50pF	Voltage - Supply	2 V ~ 5.5 V
Logic Level - Low Logic Level - High 1.5V Max Propagation Delay @ V, Max CL 7.9ns @ 5V, 50pF	Current - Quiescent (Max)	2μΑ
Logic Level - High Max Propagation Delay @ V, Max CL 1.5V 7.9ns @ 5V, 50pF	Current - Output High, Low	8mA, 8mA
Max Propagation Delay @ V, Max CL 7.9ns @ 5V, 50pF	Logic Level - Low	0.5V
	Logic Level - High	1.5V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Max Propagation Delay @ V, Max CL	7.9ns @ 5V, 50pF
	Operating Temperature	-40°C ~ 85°C
Mounting Type Through Hole	Mounting Type	Through Hole
Supplier Device Package 14-PDIP	Supplier Device Package	14-PDIP
Package / Case 14-DIP (0.300", 7.62mm)	Package / Case	14-DIP (0.300", 7.62mm)
Report errors?		Report errors?

74VHC08N 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.

74VHC08N Payment Methods



















74VHC08N Shipping Methods













If you have any question about 74VHC08N, please do not hesitate to contact us!

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