



74VHC27M Information



For Reference Only

Part Number 74VHC27M

Manufacturer Fairchild/ON Semiconductor

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE NOR 3CH 3-INP 14-SOIC **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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74VHC27M Specifications

Manufacturer 74VHC27M Manufacturer Fairchild/ON Semiconductor Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-SOIC (0.154", 3.90mm Width) Series 74VHC Logic Type NOR Gate Number of Circuits 3 Number of Inputs 3 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 Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)		
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Features Voltage - Supply 2 V ~ 5.5 V Current - Quiescent (Max) Current - Output High, Low 8mA, 8mA Logic Level - Low 0.5V Logic Level - High 1.5V Max Propagation Delay @ V, Max CL Operating Temperature 7.9ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Number of Circuits	3
Voltage - Supply $2\ V \sim 5.5\ V$ Current - Quiescent (Max) $2\mu A$ 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 $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type $Surface\ Mount$ Supplier Device Package $14-SOIC$ Package / Case $14-SOIC\ (0.154", 3.90mm\ Width)$	Number of Inputs	3
Current - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.5VLogic Level - High1.5VMax Propagation Delay @ V, Max CL7.9ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-SOICPackage / Case14-SOIC (0.154", 3.90mm Width)	Features	-
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 Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Voltage - Supply	2 V ~ 5.5 V
Logic Level - Low0.5VLogic Level - High1.5VMax Propagation Delay @ V, Max CL7.9ns @ 5V, 50pFOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package14-SOICPackage / Case14-SOIC (0.154", 3.90mm Width)	Current - Quiescent (Max)	2μΑ
Logic Level - High Max Propagation Delay @ V, Max CL 7.9ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Current - Output High, Low	8mA, 8mA
Max Propagation Delay @ V, Max CL 7.9ns @ 5V, 50pF Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Logic Level - Low	0.5V
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Logic Level - High	1.5V
Mounting Type Surface Mount Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Max Propagation Delay @ V, Max CL	7.9ns @ 5V, 50pF
Supplier Device Package 14-SOIC Package / Case 14-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C
Package / Case 14-SOIC (0.154", 3.90mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	14-SOIC
Report errors?	Package / Case	14-SOIC (0.154", 3.90mm Width)
		Report errors?

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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.

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74VHC27M Shipping Methods













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