



74AHCT02D,112 Information



For Reference Only

Part Number 74AHCT02D,112

Manufacturer Nexperia USA Inc.

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE NOR 4CH 2-INP 14-SO **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









74AHCT02D,112 Specifications

Manufacturer Part Number 74AHCT02D,112 Manufacturer Nexperia USA Inc. Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-SOIC (0.154", 3.90mm Width) Series 74AHCT Logic Type NOR Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 4.5 V ~ 5.5 V Current - Quiescent (Max) 2μA Current - Output High, Low 8mA, 8mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL 7.5ns @ 5V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)		
Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-SOIC (0.154", 3.90mm Width) Series 74AHCT Logic Type NOR Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 4.5 V ~ 5.5 V Current - Quiescent (Max) 2µA Current - Output High, Low 8mA, 8mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL 7.5ns @ 5V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	74AHCT02D,112
Package 14-SOIC (0.154", 3.90mm Width) Series 74AHCT Logic Type NOR Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 4.5 V ~ 5.5 V Current - Quiescent (Max) 2μA Current - Output High, Low 8mA, 8mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL 7.5ns @ 5V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SOIC (0.154", 3.90mm Width)	Manufacturer	Nexperia USA Inc.
Package 14-SOIC (0.154", 3.90mm Width) Series 74AHCT Logic Type NOR Gate Number of Circuits 4 Number of Inputs 2 Features - Voltage - Supply 4.5 V ~ 5.5 V Current - Quiescent (Max) 2μA Current - Output High, Low 8mA, 8mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL 7.5ns @ 5V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)
Series74AHCTLogic TypeNOR GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL7.5ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)		Logic - Gates and Inverters
Logic TypeNOR GateNumber of Circuits4Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL7.5ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)	Package	14-SOIC (0.154", 3.90mm Width)
Number of Circuits4Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL7.5ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)	Series	74AHCT
Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL7.5ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOIC (0.154", 3.90mm Width)	Logic Type	NOR Gate
Features Voltage - Supply 4.5 V ~ 5.5 V Current - Quiescent (Max) Current - Output High, Low 8mA, 8mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL 7.5ns @ 5V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SOIC (0.154", 3.90mm Width)	Number of Circuits	4
Voltage - Supply 4.5 V ~ 5.5 V Current - Quiescent (Max) 2 μ A Current - Output High, Low 8mA, 8mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL 7.5ns @ 5V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Number of Inputs	2
Current - Quiescent (Max)2μACurrent - Output High, Low8mA, 8mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL7.5ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)	Features	-
Current - Output High, Low 8mA, 8mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL 7.5ns @ 5V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Voltage - Supply	4.5 V ~ 5.5 V
Logic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL7.5ns @ 5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width)	Current - Quiescent (Max)	2μΑ
Logic Level - High 2V Max Propagation Delay @ V, Max CL 7.5ns @ 5V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Current - Output High, Low	8mA, 8mA
Max Propagation Delay @ V, Max CL 7.5ns @ 5V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Logic Level - Low	0.8V
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Logic Level - High	2V
Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Max Propagation Delay @ V, Max CL	7.5ns @ 5V, 50pF
Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 125°C
Package / Case 14-SOIC (0.154", 3.90mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	14-SO
Report errors?	Package / Case	14-SOIC (0.154", 3.90mm Width)
		Report errors?

74AHCT02D,112 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.

74AHCT02D,112 Payment Methods



















74AHCT02D,112 Shipping Methods













If you have any question about 74AHCT02D,112, please do not hesitate to contact us!

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