



74HCT08D/AUJ Information



For Reference Only

Part Number 74HCT08D/AUJ

Manufacturer Nexperia USA Inc.

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE AND 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



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74HCT08D/AUJ Specifications

| Manufacturer Part Number 74HCT08D/AUJ Manufacturer Nexperia USA Inc. Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-SOIC (0.154", 3.90mm Width) Series 74HCT Logic Type AND 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 4mA, 5.2mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL 24ns @ 4.5V, 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) | | |
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| Number of Circuits4Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low4mA, 5.2mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL24ns @ 4.5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width) | Series | 74HCT |
| Number of Inputs2Features-Voltage - Supply4.5 V ~ 5.5 VCurrent - Quiescent (Max)2μACurrent - Output High, Low4mA, 5.2mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL24ns @ 4.5 V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width) | Logic Type | AND Gate |
| Features Voltage - Supply 4.5 V ~ 5.5 V Current - Quiescent (Max) Current - Output High, Low Logic Level - Low Logic Level - High 2V Max Propagation Delay @ V, Max CL Operating Temperature 4.6 V ~ 5.5 V 2μA 4mA, 5.2mA 0.8V 2v Max Propagation Delay @ V, Max CL 24ns @ 4.5V, 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) Current - Output High, Low 4mA, 5.2mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package Package / Case 14-SOIC (0.154", 3.90mm Width) | Number of Inputs | 2 |
| Current - Quiescent (Max)2μACurrent - Output High, Low4mA, 5.2mALogic Level - Low0.8VLogic Level - High2VMax Propagation Delay @ V, Max CL24ns @ 4.5V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width) | Features | - |
| Current - Output High, Low 4mA, 5.2mA Logic Level - Low 0.8V Logic Level - High 2V Max Propagation Delay @ V, Max CL 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 CL24ns @ 4.5V, 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 24ns @ 4.5V, 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 | 4mA, 5.2mA |
| Max Propagation Delay @ V, Max CL 24ns @ 4.5V, 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 | 24ns @ 4.5V, 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? |

74HCT08D/AUJ 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.

74HCT08D/AUJ Payment Methods



















74HCT08D/AUJ Shipping Methods













If you have any question about 74HCT08D/AUJ, please do not hesitate to contact us!

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