

74HC27D-Q100J Information



For Reference Only

Part Number 74HC27D-Q100J

Manufacturer Nexperia USA Inc.

Category Integrated Circuits (ICs)
Logic - Gates and Inverters

Description IC GATE NOR 3CH 3-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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74HC27D-Q100J Specifications

| Manufacturer Part Number 74HC27D-Q100J Manufacturer Nexperia USA Inc. Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-SOIC (0.154", 3.90mm Width) Series 74HC Logic Type NOR Gate Number of Circuits 3 Number of Inputs 3 Features - Voltage - Supply 2 V ~ 6 V Current - Quiescent (Max) 2μA Current - Output High, Low 5.2mA, 5.2mA Logic Level - Low 0.5 V ~ 1.8 V Logic Level - High 1.5 V ~ 4.2 V Max Propagation Delay @ V, Max CL 15ns @ 6V, 50pF Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Supplier Device Package 14-SOI Package / Case 14-SOIC (0.154", 3.90mm Width) | | |
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| Category Integrated Circuits (ICs) Logic - Gates and Inverters Package 14-SOIC (0.154", 3.90mm Width) Series 74HC Logic Type NOR Gate Number of Circuits 3 Number of Inputs 3 Features - Voltage - Supply 2 V ~ 6 V Current - Quiescent (Max) 2μA Current - Output High, Low 5.2mA, 5.2mA Logic Level - Low 0.5 V ~ 1.8 V Logic Level - High 1.5 V ~ 4.2 V Max Propagation Delay @ V, Max CL 15ns @ 6V, 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) | Manufacturer Part Number | 74HC27D-Q100J |
| Package 14-SOIC (0.154", 3.90mm Width) Series 74HC Logic Type NOR Gate Number of Circuits 3 Number of Inputs 3 Features - Voltage - Supply 2 V ~ 6 V Current - Quiescent (Max) 2μA Current - Output High, Low 5.2mA, 5.2mA Logic Level - Low 0.5 V ~ 1.8 V Logic Level - High 1.5 V ~ 4.2 V Max Propagation Delay @ V, Max CL 15ns @ 6V, 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) | Manufacturer | Nexperia USA Inc. |
| Package 14-SOIC (0.154", 3.90mm Width) Series 74HC Logic Type NOR Gate Number of Circuits 3 Number of Inputs 3 Features - Voltage - Supply 2 V ~ 6 V Current - Quiescent (Max) 2μA Current - Output High, Low 5.2mA, 5.2mA Logic Level - Low 0.5 V ~ 1.8 V Logic Level - High 1.5 V ~ 4.2 V Max Propagation Delay @ V, Max CL 15ns @ 6V, 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) |
| Series 74HC Logic Type NOR Gate Number of Circuits 3 Number of Inputs 3 Features - Voltage - Supply 2 V ~ 6 V Current - Quiescent (Max) 2μA Current - Output High, Low 5.2mA, 5.2mA Logic Level - Low 0.5 V ~ 1.8 V Logic Level - High 1.5 V ~ 4.2 V Max Propagation Delay @ V, Max CL 15ns @ 6V, 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 - Gates and Inverters |
| Logic TypeNOR GateNumber of Circuits3Number of Inputs3Features-Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low $5.2\text{mA}, 5.2\text{mA}$ Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL 15ns @ 6V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-SO Package / Case 14-SOIC (0.154° , 3.90mm Width) | Package | 14-SOIC (0.154", 3.90mm Width) |
| Number of Circuits3Number of Inputs3Features-Voltage - Supply2 V ~ 6 VCurrent - Quiescent (Max)2μACurrent - Output High, Low5.2mA, 5.2mALogic Level - Low0.5 V ~ 1.8 VLogic Level - High1.5 V ~ 4.2 VMax Propagation Delay @ V, Max CL15ns @ 6V, 50pFOperating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package14-SOPackage / Case14-SOIC (0.154", 3.90mm Width) | Series | 74HC |
| Number of Inputs 3 Features - Voltage - Supply 2 $V \sim 6 V$ Current - Quiescent (Max) 2 μ A Current - Output High, Low 5.2mA, 5.2mA Logic Level - Low 0.5 $V \sim 1.8 V$ Logic Level - High 1.5 $V \sim 4.2 V$ Max Propagation Delay @ V , Max CL 15ns @ $V \sim 1.8 V$ Operating Temperature - $V \sim 1.8 V \sim 1.8 V$ Mounting Type Surface Mount Supplier Device Package 14-SO 14-SOIC ($V \sim 1.8 V \sim 1.8$ | Logic Type | NOR Gate |
| Features - Voltage - Supply $2 \text{ V} \sim 6 \text{ V}$ Current - Quiescent (Max) $2\mu\text{A}$ Current - Output High, Low 5.2mA , 5.2mA Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL 15ns @ 6V, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Supplier Device Package 14-SOIC (0.154", 3.90mm Width) | Number of Circuits | 3 |
| Voltage - Supply $2\ V \sim 6\ V$ Current - Quiescent (Max) $2\mu A$ Current - Output High, Low $5.2\text{mA}, 5.2\text{mA}$ Logic Level - Low $0.5\ V \sim 1.8\ V$ Logic Level - High $1.5\ V \sim 4.2\ V$ Max Propagation Delay @ V, Max CL 15ns @ 6V, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Supplier Device Package $14\text{-SOIC }(0.154^{\circ}\text{H}, 3.90\text{mm Width})$ | Number of Inputs | 3 |
| Current - Quiescent (Max) $2\mu A$ $Current$ - Output High, Low $5.2mA$, $5.2mA$ $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - Low $0.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL $15ns$ @ 6V, $50pF$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type $Surface$ Mount $Supplier$ Device Package $14-SO$ Package / Case $14-SOIC$ (0.154", $3.90mm$ Width) | Features | - |
| Current - Output High, Low 5.2mA , 5.2mA Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL 15ns @ 6V , 50pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package $14-\text{SO}$ Package / Case $14-\text{SOIC}$ (0.154 ", 3.90mm Width) | Voltage - Supply | 2 V ~ 6 V |
| Logic Level - Low $0.5 \text{ V} \sim 1.8 \text{ V}$ Logic Level - High $1.5 \text{ V} \sim 4.2 \text{ V}$ Max Propagation Delay @ V, Max CL 15ns @ 6V, 50pF Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountSupplier Device Package 14-SO Package / Case 14-SOIC (0.154 ", 3.90mm Width) | Current - Quiescent (Max) | 2μΑ |
| Logic Level - High 1.5 V ~ 4.2 V Max Propagation Delay @ V, Max CL 15ns @ 6V, 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 | 5.2mA, 5.2mA |
| Max Propagation Delay @ V, Max CL 15ns @ 6V, 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 | 0.5 V ~ 1.8 V |
| 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 | 1.5 V ~ 4.2 V |
| Mounting Type Surface Mount Supplier Device Package 14-SO Package / Case 14-SOIC (0.154", 3.90mm Width) | Max Propagation Delay @ V, Max CL | 15ns @ 6V, 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? |

74HC27D-Q100J 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.

74HC27D-Q100J Payment Methods



















74HC27D-Q100J Shipping Methods













If you have any question about 74HC27D-Q100J, please do not hesitate to contact us!

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