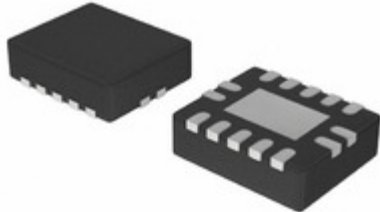


74VHC02BQ-Q100X





Part Number: 74VHC02BQ-Q100X

Manufacturer Nexperia

Description IC GATE NOR 4CH 2-INP 14DHVQFN

Data sheet:

RoHs Status: Lead free / RoHS Compliant

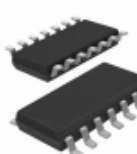
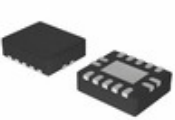
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                  |                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                    | 74VHC02BQ-Q100X                           | Manufacturer                     | <a href="#">Nexperia</a>                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC GATE NOR 4CH 2-INP 14DHVQFN            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                             | 360908 pcs                                | Data sheet                       |                                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 2 V ~ 5.5 V                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                        | 14-DHVQFN (2.5x3)                         | Series                           | Automotive, AEC-Q100, 74VHC             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                      | Tape & Reel (TR)                          | Package / Case                   | 14-VFQFN Exposed Pad                    |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                    | 935301313115                              | Operating Temperature            | -40°C ~ 125°C                           |
| Number of Inputs                                                                                                                                                                                                                                                                                                                                                                                                                               | 2                                         | Number of Circuits               | 4                                       |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                  | Surface Mount                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                           |
| Max Propagation Delay @ V, Max CL                                                                                                                                                                                                                                                                                                                                                                                                              | 7.5ns @ 5V, 50pF                          | Manufacturer Standard Lead Time  | 13 Weeks                                |
| Logic Type                                                                                                                                                                                                                                                                                                                                                                                                                                     | NOR Gate                                  | Logic Level - Low                | 0.5 V ~ 1.65 V                          |
| Logic Level - High                                                                                                                                                                                                                                                                                                                                                                                                                             | 1.5 V ~ 3.85 V                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant              |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                         | Detailed Description             | NOR Gate IC 4 Channel 14-DHVQFN (2.5x3) |
| Current - Quiescent (Max)                                                                                                                                                                                                                                                                                                                                                                                                                      | 2µA                                       | Current - Output High, Low       | 8mA, 8mA                                |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | 74VHC02                                   |                                  |                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Nexperia series electronic components. We have 360908 pieces of Nexperia 74VHC02BQ-Q100X in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                         |

| RELATED PRODUCTS                                                                   |                                                                                     |                                                                                     |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">74VHC00SJX</a><br>Description: IC GATE NAND 4CH 2-INP 14SOP      | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74VHC02MTR</a><br>Description: IC GATE NOR 4CH 2-INP 14SO        | Manufacturers: <a href="#">STMicroelectronics</a>                                   | <div>RFQ</div> |
|  | Part#: <a href="#">74VHC02MTC</a><br>Description: IC GATE NOR 4CH 2-INP 14TSSOP     | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74VHC02MTCX</a><br>Description: IC GATE NOR 4CH 2-INP 14TSSOP    | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74VHC02D,118</a><br>Description: IC GATE NOR 4CH 2-INP 14SO      | Manufacturers: <a href="#">Nexperia</a>                                             | <div>RFQ</div> |
|  | Part#: <a href="#">74VHC00M</a><br>Description: IC GATE NAND 4CH 2-INP 14SOIC       | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74VHC02M</a><br>Description: IC GATE NOR 4CH 2-INP 14SOIC        | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74VHC00MTCX</a><br>Description: IC GATE NAND 4CH 2-INP 14TSSOP   | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74VHC00MX</a><br>Description: IC GATE NAND 4CH 2-INP 14SOIC      | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74VHC02D-Q100J</a><br>Description: IC GATE NOR 4CH 2-INP 14SO    | Manufacturers: <a href="#">Nexperia</a>                                             | <div>RFQ</div> |
|  | Part#: <a href="#">74VHC00TTR</a><br>Description: IC GATE NAND 4CH 2-INP 14TSSOP    | Manufacturers: <a href="#">STMicroelectronics</a>                                   | <div>RFQ</div> |
|  | Part#: <a href="#">74VHC00MTC</a><br>Description: IC GATE NAND 4CH 2-INP 14TSSOP    | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74VHC00MTR</a><br>Description: IC GATE NAND 4CH 2-INP 14SO       | Manufacturers: <a href="#">STMicroelectronics</a>                                   | <div>RFQ</div> |
|  | Part#: <a href="#">74VHC02PW,118</a><br>Description: IC GATE NOR 4CH 2-INP 14TSSOP  | Manufacturers: <a href="#">Nexperia</a>                                             | <div>RFQ</div> |
|  | Part#: <a href="#">74VHC00N</a><br>Description: IC GATE NAND 4CH 2-INP 14DIP        | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74VHC02BQ,115</a><br>Description: IC GATE NOR 4CH 2-INP 14DHVQFN | Manufacturers: <a href="#">Nexperia</a>                                             | <div>RFQ</div> |
|  | Part#: <a href="#">74VHC02MX</a><br>Description: IC GATE NOR 4CH 2-INP 14SOIC       | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74VHC02N</a><br>Description: IC GATE NOR 4CH 2-INP 14DIP         | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74VHC00SJ</a><br>Description: IC GATE NAND 4CH 2-INP 14SOIC      | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74VHC02FT</a><br>Description: IC GATE NOR 4CH 2-INP 14TSSOPB     | Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a>                    | <div>RFQ</div> |

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