

74AHC08BQ-Q100X



**Part Number:** 74AHC08BQ-Q100X

**Manufacturer:** Nexperia

**Description:** IC GATE AND 4CH 2-INP 14QFN

**Data sheet:**  74AHC(T)08-Q100

**RoHs Status:** Lead free / RoHS Compliant

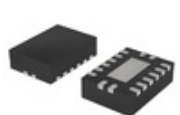
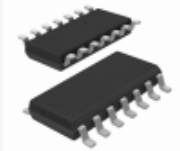
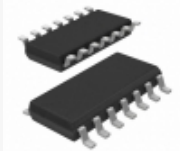
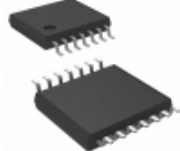
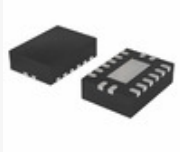
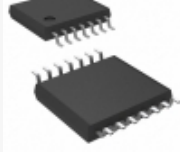
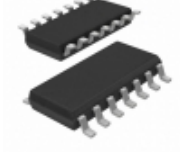
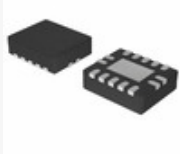
**Ship From:** Hong Kong

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

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                  |                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                    | 74AHC08BQ-Q100X                           | Manufacturer                     | <a href="#">Nexperia</a>                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC GATE AND 4CH 2-INP 14QFN               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                             | 454997 pcs                                | Data sheet                       | <a href="#">74AHC(T)08-Q100</a>         |
| 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, 74AHC             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                      | Tape & Reel (TR)                          | Package / Case                   | 14-VFQFN Exposed Pad                    |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                    | 935300983115                              | 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                                                                                                                                                                                                                                                                                                                                                                                                              | 7.9ns @ 5V, 50pF                          | Manufacturer Standard Lead Time  | 13 Weeks                                |
| Logic Type                                                                                                                                                                                                                                                                                                                                                                                                                                     | AND 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             | AND Gate IC 4 Channel 14-DHVQFN (2.5x3) |
| Current - Quiescent (Max)                                                                                                                                                                                                                                                                                                                                                                                                                      | 2µA                                       | Current - Output High, Low       | 8mA, 8mA                                |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | 74AHC08                                   |                                  |                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Nexperia series electronic components. We have 454997 pieces of Nexperia 74AHC08BQ-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="#">74AHC123ABQ-Q100X</a><br>Description: IC MULTIVIBRATOR DUAL 16DHVQFN | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">74AHC08D,112</a><br>Description: IC GATE AND 4CH 2-INP 14SO          | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">74AHC04D/AUJ</a><br>Description: IC INVERTER SCHMITT 6CH 14SO        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">74AHC04PW-Q100J</a><br>Description: IC INVERTER 6CH 6-INP 14TSSOP    | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">74AHC04S14-13</a><br>Description: IC INVERTER 6CH 6-INP 14SO         | Manufacturers: <a href="#">Diodes Incorporated</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">74AHC08PW-Q100J</a><br>Description: IC GATE AND 4CH 2-INP 14TSSOP    | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">74AHC08PW,118</a><br>Description: IC GATE AND 4CH 2-INP 14TSSOP      | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">74AHC04PW,118</a><br>Description: IC INVERTER 6CH 6-INP 14TSSOP      | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">74AHC08PW,112</a><br>Description: IC GATE AND 4CH 2-INP 14TSSOP      | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">74AHC08D-Q100J</a><br>Description: IC GATE AND 4CH 2-INP 14SO        | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">74AHC08T14-13</a><br>Description: IC GATE AND 4CH 2-INP 14TSSOP      | Manufacturers: <a href="#">Diodes Incorporated</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">74AHC05S14-13</a><br>Description: IC INVERTER OD 6CH 6-INP 14SO      | Manufacturers: <a href="#">Diodes Incorporated</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">74AHC04T14-13</a><br>Description: IC INVERTER 6CH 6-INP 14TSSOP      | Manufacturers: <a href="#">Diodes Incorporated</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">74AHC123ABQ,115</a><br>Description: IC DUAL RETRIG MULTIVIB 16DHVQFN | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">74AHC04PW,112</a><br>Description: IC INVERTER 6CH 6-INP 14TSSOP      | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">74AHC05T14-13</a><br>Description: IC INVERTER 6CH 6-INP 14TSSOP      | Manufacturers: <a href="#">Diodes Incorporated</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">74AHC04D-Q100J</a><br>Description: IC INVERTER 6CH 6-INP 14SO        | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">74AHC08BQ,115</a><br>Description: IC GATE AND 4CH 2-INP 14DHVQFN     | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">74AHC08S14-13</a><br>Description: IC GATE AND 4CH 2-INP 14SO         | Manufacturers: <a href="#">Diodes Incorporated</a>            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">74AHC08D,118</a><br>Description: IC GATE AND 4CH 2-INP 14SO          | Manufacturers: <a href="#">Nexperia</a>                       | <a href="#">RFQ</a> |

Related keywords for 74AHC08BQ-Q100X

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