

MC74VHCT00ADR2G



ON Semiconductor®



Part Number:

MC74VHCT00ADR2G

Manufacturer:

AMI Semiconductor / ON Semiconductor

Description:

IC GATE NAND 4CH 2-INP 14SOIC

Data sheet:

 [MC74VHCT00A](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

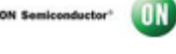
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                  |                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                             | MC74VHCT00ADR2G                           | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC GATE NAND 4CH 2-INP 14SOIC             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                      | 658157 pcs                                | Data sheet                       | <a href="#">MC74VHCT00A</a>                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 3 V ~ 5.5 V                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                 | 14-SOIC                                   | Series                           | 74VHCT                                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tape & Reel (TR)                          | Package / Case                   | 14-SOIC (0.154", 3.90mm Width)                       |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                             | MC74VHCT00ADR2G-ND<br>MC74VHCT00ADR2GOSTR | Operating Temperature            | -55°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  | 20 Weeks                                             |
| Logic Type                                                                                                                                                                                                                                                                                                                                                                                                                                              | NAND Gate                                 | Logic Level - Low                | 0.53 V ~ 0.8 V                                       |
| Logic Level - High                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1.4 V ~ 2 V                               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Detailed Description             | NAND Gate IC 4 Channel 14-SOIC                       |
| Current - Quiescent (Max)                                                                                                                                                                                                                                                                                                                                                                                                                               | 2µA                                       | Current - Output High, Low       | 8mA, 8mA                                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                        | 74VHCT00                                  |                                  |                                                      |
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|  | Part#: <a href="#">MC74VHCT00ADTR2G</a><br>Description: IC GATE NAND 4CH 2-INP 14TSSOP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74VHCT02ADR2G</a><br>Description: IC GATE NOR 4CH 2-INP 14SOIC    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC74VHCT02AMG</a><br>Description: IC GATE NOR 4CH 2-INP 14SOEIAJ    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74VHC86MELG</a><br>Description: IC GATE XOR 4CH 2-INP 14SOEIAJ    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74VHC74DTR2</a><br>Description: IC FF D-TYPE DUAL 1BIT 14TSSOP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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