

MC74VHC1G01DFT1



ON Semiconductor® 

Part Number: [MC74VHC1G01DFT1](#)

Manufacturer: [AMI Semiconductor](#) / [ON Semiconductor](#)

Description: IC GATE NAND 1CH 2-INP SC88A

Data sheet:  [MC74VHC1G01](#)

RoHs Status: Contains lead / RoHS non-compliant

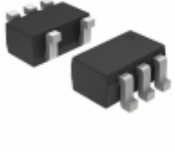
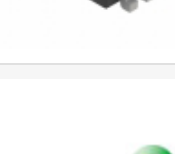
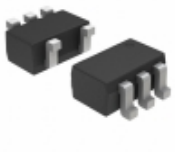
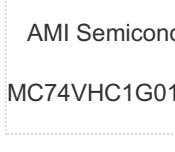
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                   |                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------|----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | MC74VHC1G01DFT1                           | Manufacturer                      | <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC GATE NAND 1CH 2-INP SC88A              | Lead Free Status / RoHS Status    | Contains lead / RoHS non-compliant                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5630 pcs                                  | Data sheet                        | <a href="#">MC74VHC1G01</a>                                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                  | 2 V ~ 5.5 V                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | SC-88A (SC-70-5/SOT-353)                  | Series                            | 74VHC                                                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tape & Reel (TR)                          | Package / Case                    | 5-TSSOP, SC-70-5, SOT-353                                            |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -55°C ~ 125°C                             | Number of Inputs                  | 2                                                                    |
| Number of Circuits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1                                         | Mounting Type                     | Surface Mount                                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1 (Unlimited)                             | Max Propagation Delay @ V, Max CL | 7.5ns @ 5V, 50pF                                                     |
| Logic Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | NAND Gate                                 | Logic Level - Low                 | 0.5 V ~ 1.65 V                                                       |
| Logic Level - High                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1.5 V ~ 3.85 V                            | Lead Free Status / RoHS Status    | Contains lead / RoHS non-compliant                                   |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Open Drain                                | Detailed Description              | NAND Gate IC 1 Channel Open Drain SC-88A (SC-70-5/SOT-353)           |
| Current - Quiescent (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1µA                                       | Current - Output High, Low        | -, 8mA                                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 74VHC1G01                                 |                                   |                                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 5630 pieces of AMI Semiconductor / ON Semiconductor MC74VHC1G01DFT1 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> |                                           |                                   |                                                                      |

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|  | Part#: <a href="#">MC74VHC1G00DFT1</a><br>Description: IC GATE NAND 1CH 2-INP 5TSOP     | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC74VHC14DTR2G</a><br>Description: IC INVERTER SCHMITT 6CH 14TSSOP   | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74VHC157DTR2</a><br>Description: IC DATA SELECTOR/MUX 2IN 16TSSOP  | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
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