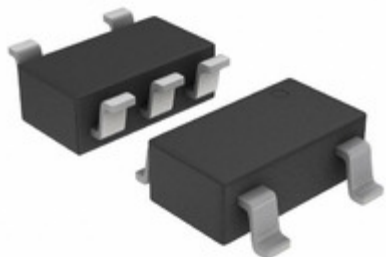


MC74HC1G08DTT1G



ON Semiconductor®

Part Number: [MC74HC1G08DTT1G](#)

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

Description: IC GATE AND 1CH 2-INP 5TSOP

Data sheet:  [MC74HC1G08](#)

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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Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                  |                                  |                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MC74HC1G08DTT1G                                                  | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC GATE AND 1CH 2-INP 5TSOP                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1752450 pcs                                                      | Data sheet                       | <a href="#">MC74HC1G08</a>                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                        | Voltage - Supply                 | 2 V ~ 6 V                                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5-TSOP                                                           | Series                           | 74HC                                                 |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Tape & Reel (TR)                                                 | Package / Case                   | SOT-23-5 Thin, TSOT-23-5                             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MC74HC1G08DTT1GOS<br>MC74HC1G08DTT1GOS-ND<br>MC74HC1G08DTT1GOSTR | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 17ns @ 6V, 50pF                                                  | Manufacturer Standard Lead Time  | 4 Weeks                                              |
| Logic Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | AND Gate                                                         | Logic Level - Low                | 0.5 V ~ 1.8 V                                        |
| Logic Level - High                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1.5 V ~ 4.2 V                                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                                | Detailed Description             | AND Gate IC 1 Channel 5-TSOP                         |
| Current - Quiescent (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1µA                                                              | Current - Output High, Low       | 2.6mA, 2.6mA                                         |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 74HC1G08                                                         |                                  |                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                                     |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MC74HC1G14DFT2</a><br>Description: IC INVERTER SCHMITT 1CH SC88A  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74HC1G32DFT1</a><br>Description: IC GATE OR 1CH 2-INP SC88A     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74HC1G08DFT1</a><br>Description: IC GATE AND 1CH 2-INP SC88A    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74HC1G14DFT2G</a><br>Description: IC INVERTER SCHMITT 1CH SC88A | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74HC1G32DTT1</a><br>Description: IC GATE OR 1CH 2-INP 5TSOP     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74HC1G08DTT1</a><br>Description: IC GATE AND 1CH 2-INP 5TSOP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74HC1G14DTT1G</a><br>Description: IC INVERTER SCHMITT 1CH 5TSOP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74HC1G32DTT1G</a><br>Description: IC GATE OR 1CH 2-INP 5TSOP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC74HC1G04DTT1G</a><br>Description: IC INVERTER 1CH 1-INP 5TSOP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC74HC1G02DFT2G</a><br>Description: IC GATE NOR 1CH 2-INP SC88A   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74HC1G04DFT2G</a><br>Description: IC INVERTER 1CH 1-INP SC88A   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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