

MC74AC74DG



ON Semiconductor®



Part Number:

MC74AC74DG

Manufacturer:

AMI Semiconductor / ON Semiconductor

Description:

IC FF D-TYPE DUAL 1BIT 14SOIC

Data sheet:

 [MC74AC74, MC74ACT74](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

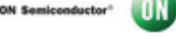
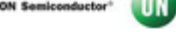
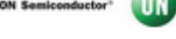
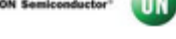
Shipment Way:

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                                                                                                                                                                                                                                                                                                                                                                                                                                        | MC74AC74DG                                | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC FF D-TYPE DUAL 1BIT 14SOIC             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                 | 402055 pcs                                | Data sheet                       | <a href="#">MC74AC74, MC74ACT74</a>                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 2 V ~ 6 V                                            |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                               | D-Type                                    | Trigger Type                     | Positive Edge                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                             | 74AC                                      | Packaging                        | Tube                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                     | 14-SOIC (0.154", 3.90mm Width)            | Output Type                      | Differential                                         |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                        | MC74AC74DG-ND<br>MC74AC74DGOS             | Operating Temperature            | -40°C ~ 85°C (TA)                                    |
| Number of Elements                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2                                         | Number of Bits per Element       | 1                                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                      | Surface Mount                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                        |
| Max Propagation Delay @ V, Max CL                                                                                                                                                                                                                                                                                                                                                                                                                  | 10ns @ 5V, 50pF                           | Manufacturer Standard Lead Time  | 20 Weeks                                             |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                     | Lead free / RoHS Compliant                | Input Capacitance                | 4.5pF                                                |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                           | Set(Preset) and Reset                     | Current - Quiescent (Iq)         | 4µA                                                  |
| Current - Output High, Low                                                                                                                                                                                                                                                                                                                                                                                                                         | 24mA, 24mA                                | Clock Frequency                  | 160MHz                                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                   | 74AC74                                    |                                  |                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 402055 pieces of AMI Semiconductor / ON Semiconductor MC74AC74DG 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: info@Components-World.com |                                           |                                  |                                                      |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                                     |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MC74AC574N</a><br>Description: IC FF D-TYPE SNGL 8BIT 20DIP         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74AC652DWR2G</a><br>Description: IC TRANSCVR NON-INVERT 6V 24SOIC | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74AC74NG</a><br>Description: IC FF D-TYPE DUAL 1BIT 14DIP         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74AC574NG</a><br>Description: IC FF D-TYPE SNGL 8BIT 20DIP        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74AC74DR2G</a><br>Description: IC FF D-TYPE DUAL 1BIT 14SOIC      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74AC74DTR2G</a><br>Description: IC FF D-TYPE DUAL 14TSSOP         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74AC86DTR2</a><br>Description: IC GATE XOR 4CH 2-INP 14TSSOP      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74AC574DWR2G</a><br>Description: IC FF D-TYPE SNGL 8BIT 20SOIC    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74AC574MG</a><br>Description: IC FF D-TYPE SNGL 8BIT 20SOEIAJ     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74AC86DR2G</a><br>Description: IC GATE XOR 4CH 2-INP 14SOIC       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74AC74DTR2</a><br>Description: IC FF D-TYPE DUAL 1BIT 14TSSOP     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74AC86D</a><br>Description: IC GATE XOR 4CH 2-INP 14SOIC          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74AC74N</a><br>Description: IC FF D-TYPE DUAL 1BIT 14DIP          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74AC574MELG</a><br>Description: IC FF D-TYPE SNGL 8BIT 20SOEIAJ   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74AC646DWR2G</a><br>Description: IC TRANSCVR NON-INVERT 6V 24SOIC | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74AC646DW</a><br>Description: IC TRANSCVR NON-INVERT 6V 24SOIC    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74AC646DWG</a><br>Description: IC TRANSCVR NON-INVERT 6V 24SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74AC74MELG</a><br>Description: IC FF D-TYPE DUAL 1BIT 14SOEIAJ    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74AC86DG</a><br>Description: IC GATE XOR 4CH 2-INP 14SOIC         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC74AC574DWR2</a><br>Description: IC FF D-TYPE SNGL 8BIT 20SOIC     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

Related keywords for MC74AC74DG

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