

MC74HC74AF



ON Semiconductor®



Part Number:

MC74HC74AF

Manufacturer:

AMI Semiconductor / ON Semiconductor

Description:

IC FF D-TYPE DUAL 1BIT 14SOEIAJ

Data sheet:

MC74HC74A

RoHs Status:

Contains lead / RoHS non-compliant

Ship From:

Hong Kong

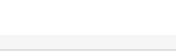
Shipment Way:

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                |                                    |                                   |                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------|--------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                      | MC74HC74AF                         | Manufacturer                      | AMI Semiconductor / ON Semiconductor |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC FF D-TYPE DUAL 1BIT 14SOEIAJ    | Lead Free Status / RoHS Status    | Contains lead / RoHS non-compliant   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                               | 5649 pcs                           | Data sheet                        | MC74HC74A                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                         | Integrated Circuits (ICs)          | Voltage - Supply                  | 2 V ~ 6 V                            |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                             | D-Type                             | Trigger Type                      | Positive Edge                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                           | 74HC                               | Packaging                         | Tube                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                   | 14-SOIC (0.209", 5.30mm Width)     | Output Type                       | Differential                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                            | -55°C ~ 125°C (TA)                 | Number of Elements                | 2                                    |
| Number of Bits per Element                                                                                                                                                                                                                                                                                                                                                                                                                       | 1                                  | Mounting Type                     | Surface Mount                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                 | 3 (168 Hours)                      | Max Propagation Delay @ V, Max CL | 17ns @ 6V, 50pF                      |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                   | Contains lead / RoHS non-compliant | Input Capacitance                 | 10pF                                 |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                         | Set(Preset) and Reset              | Current - Quiescent (Iq)          | 2µA                                  |
| Current - Output High, Low                                                                                                                                                                                                                                                                                                                                                                                                                       | 5.2mA, 5.2mA                       | Clock Frequency                   | 35MHz                                |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                 | 74HC74                             |                                   |                                      |
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|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------|
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|  | Part#: <a href="#">MC74HC73ADR2G</a><br>Description: IC FF JK TYPE DUAL 1BIT 14SOIC   | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MC74HC86ADTR2G</a><br>Description: IC GATE XOR 4CH 2-INP 14TSSOP   | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MC74HC86ADG</a><br>Description: IC GATE XOR 4CH 2-INP 14SOIC       | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC74HC74ADTR2G</a><br>Description: IC FF D-TYPE DUAL 1BIT 14TSSOP  | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">MC74HC597ADTG</a><br>Description: IC SHIFT REGISTER 8BIT 16TSSOP   | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <a href="#">RFQ</a> |
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