

N74F174D,623



Part Number: [N74F174D,623](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC FF D-TYPE SNGL 6BIT 16SO

Data sheet:  [74F174](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                             |                                  |                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | N74F174D,623                                | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC FF D-TYPE SNGL 6BIT 16SO                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4014 pcs                                    | Data sheet                       | <a href="#">74F174</a>                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a>   | Voltage - Supply                 | 4.5 V ~ 5.5 V                                  |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | D-Type                                      | Trigger Type                     | Positive Edge                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 74F                                         | Packaging                        | Tape & Reel (TR)                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 16-SOIC (0.154", 3.90mm Width)              | Output Type                      | Non-Inverted                                   |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 933779050623<br>N74F174D-T<br>N74F174D-T-ND | Operating Temperature            | 0°C ~ 70°C (TA)                                |
| Number of Elements                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                           | Number of Bits per Element       | 6                                              |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Surface Mount                               | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                  |
| Max Propagation Delay @ V, Max CL                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 10ns @ 5V, 50pF                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Master Reset                                | Current - Quiescent (Iq)         | 45mA                                           |
| Current - Output High, Low                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1mA, 20mA                                   | Clock Frequency                  | 100MHz                                         |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 74F174                                      |                                  |                                                |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                               |                |
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|  | Part#: <a href="#">N74F174N,602</a><br>Description: IC FF D-TYPE SNGL 6BIT 16DIP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">N74F164N,602</a><br>Description: IC SHIFT REGISTER 8BIT 14DIP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">N74F175AD,623</a><br>Description: IC FF D-TYPE SNGL 4BIT 16SO     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">N74F164D,623</a><br>Description: IC SHIFT REGISTER 8BIT 14SOIC    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">N74F161AN,602</a><br>Description: IC COUNTER 4BIT BINARY 16DIP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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