

74LV4053D-Q100J



**Part Number:** 74LV4053D-Q100J

**Manufacturer:** Nexperia

**Description:** IC MUX/DEMUX TRIPLE 2X1 16SOIC

**Data sheet:**

**RoHs Status:** Lead free / RoHS Compliant

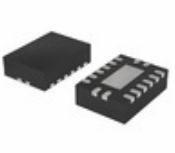
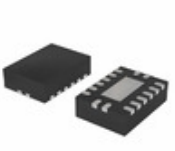
**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                               |                                           |                                    |                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|---------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                     | 74LV4053D-Q100J                           | Manufacturer                       | <a href="#">Nexperia</a>              |
| Description                                                                                                                                                                                                                                                                                                                                                                                     | IC MUX/DEMUX TRIPLE 2X1 16SOIC            | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                              | 220845 pcs                                | Data sheet                         |                                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)      | 1 V ~ 6 V                             |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Switch Time (Ton, Toff) (Max)      | 31ns, 24ns                            |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                  | SPDT                                      | Supplier Device Package            | 16-SO                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                          | Automotive, AEC-Q100                      | Packaging                          | Tape & Reel (TR)                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                  | 16-SOIC (0.154", 3.90mm Width)            | Other Names                        | 935300908118                          |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                           | -40°C ~ 125°C (TA)                        | On-State Resistance (Max)          | 105 Ohm                               |
| Number of Circuits                                                                                                                                                                                                                                                                                                                                                                              | 3                                         | Multiplexer/Demultiplexer Circuit  | 2:1                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                | 1 (Unlimited)                             | Manufacturer Standard Lead Time    | 13 Weeks                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                  | Lead free / RoHS Compliant                | Detailed Description               | 3 Circuit IC Switch 2:1 105 Ohm 16-SO |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                               | 2µA                                       | Crosstalk                          | -60dB @ 1MHz                          |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Channel-to-Channel Matching (ΔRon) | 2 Ohm                                 |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                          | 3.5pF                                     | Base Part Number                   | 74LV4053                              |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                                  | 200MHz                                    |                                    |                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Nexperia series electronic components. We have 220845 pieces of Nexperia 74LV4053D-Q100J 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 |                                           |                                    |                                       |

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|  | Part#: <a href="#">74LV4060D-Q100J</a><br>Description: IC COUNTER 14STAGE BINARY 16SOIC   | Manufacturers: <a href="#">Nexperia</a>                       | <div>RFQ</div> |
|  | Part#: <a href="#">74LV4053PW,112</a><br>Description: IC MUX/DEMUX TRIPLE 2X1 16TSSOP     | Manufacturers: <a href="#">Nexperia</a>                       | <div>RFQ</div> |
|  | Part#: <a href="#">74LV4053DB,112</a><br>Description: IC MUX/DEMUX TRIPLE 2X1 16SSOP      | Manufacturers: <a href="#">Nexperia</a>                       | <div>RFQ</div> |
|  | Part#: <a href="#">74LV4052DB,118</a><br>Description: IC MUX/DEMUX DUAL 4X1 16SSOP        | Manufacturers: <a href="#">Nexperia</a>                       | <div>RFQ</div> |
|  | Part#: <a href="#">74LV4053DB,118</a><br>Description: IC MUX/DEMUX TRIPLE 2X1 16SSOP      | Manufacturers: <a href="#">Nexperia</a>                       | <div>RFQ</div> |
|  | Part#: <a href="#">74LV4060DB,112</a><br>Description: IC 14ST BINARY RIPPLE 16-SSOP       | Manufacturers: <a href="#">Nexperia</a>                       | <div>RFQ</div> |
|  | Part#: <a href="#">74LV4053BQ-Q100X</a><br>Description: IC ANLG SWITCH TRPL SPDT 16DHVQFN | Manufacturers: <a href="#">Nexperia</a>                       | <div>RFQ</div> |
|  | Part#: <a href="#">74LV4053D,112</a><br>Description: IC MUX/DEMUX TRIPLE 2X1 16SOIC       | Manufacturers: <a href="#">Nexperia</a>                       | <div>RFQ</div> |
|  | Part#: <a href="#">74LV4053N,112</a><br>Description: IC MUX/DEMUX TRIPLE 2X1 16DIP        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">74LV4053PW,118</a><br>Description: IC MUX/DEMUX TRIPLE 2X1 16TSSOP     | Manufacturers: <a href="#">Nexperia</a>                       | <div>RFQ</div> |
|  | Part#: <a href="#">74LV4052PW,112</a><br>Description: IC MUX/DEMUX DUAL 4X1 16TSSOP       | Manufacturers: <a href="#">Nexperia</a>                       | <div>RFQ</div> |
|  | Part#: <a href="#">74LV4060D,118</a><br>Description: IC 14STAGE BINARY RIPPLE 16SOIC      | Manufacturers: <a href="#">Nexperia</a>                       | <div>RFQ</div> |
|  | Part#: <a href="#">74LV4053BQ,115</a><br>Description: IC MUX/DEMUX TRIPLE 2X1 16DHVQFN    | Manufacturers: <a href="#">Nexperia</a>                       | <div>RFQ</div> |
|  | Part#: <a href="#">74LV4052N,112</a><br>Description: IC MUX/DEMUX DUAL 4X1 16DIP          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">74LV4052PW-Q100J</a><br>Description: IC MUX/DEMUX 4X1 16TSSOP          | Manufacturers: <a href="#">Nexperia</a>                       | <div>RFQ</div> |
|  | Part#: <a href="#">74LV4053D,118</a><br>Description: IC MUX/DEMUX TRIPLE 2X1 16SOIC       | Manufacturers: <a href="#">Nexperia</a>                       | <div>RFQ</div> |
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|  | Part#: <a href="#">74LV4053PW-Q100J</a><br>Description: IC MUX/DEMUX TRIPLE 2X1 16TSSOP   | Manufacturers: <a href="#">Nexperia</a>                       | <div>RFQ</div> |
|  | Part#: <a href="#">74LV4052PW,118</a><br>Description: IC MUX/DEMUX DUAL 4X1 16TSSOP       | Manufacturers: <a href="#">Nexperia</a>                       | <div>RFQ</div> |

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