



Nexperia



74HCT4053BQ-Q100,1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 74HCT4053BQ-Q100,1                                                                                           |
| Manufacturer/Brand: | Nexperia                                                                                                     |
| Product description | IC MUX/DEMUX TRPL 2CH 16DHVQFN                                                                               |
| Datasheets:         |  74HCT4053BQ-Q100,1.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 460620 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

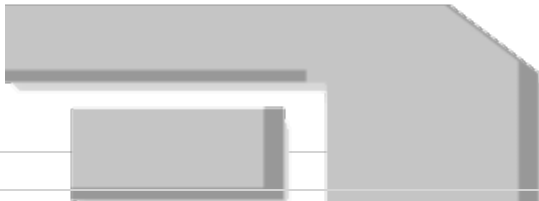
Specifications of 74HCT4053BQ-Q100,1

|                                        |                                                                                                            |
|----------------------------------------|------------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | 74HCT4053BQ-Q100,1                                                                                         |
| MANUFACTURER                           | Nexperia                                                                                                   |
| DESCRIPTION                            | IC MUX/DEMUX TRPL 2CH 16DHVQFN                                                                             |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                 |
| QUANTITY AVAILABLE                     | 460620 pcs                                                                                                 |
| DATA SHEET                             |  74HCT4053BQ-Q100,1.pdf |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 4.5 V ~ 5.5 V                                                                                              |
| VOLTAGE - SUPPLY, DUAL (V±)            | ±1 V ~ 5 V                                                                                                 |
| SWITCH TIME (TON, TOFF) (MAX)          | 34ns, 31ns                                                                                                 |
| SWITCH CIRCUIT                         | SPDT                                                                                                       |
| SUPPLIER DEVICE PACKAGE                | 16-DHVQFN (2.5x3.5)                                                                                        |
| SERIES                                 | -                                                                                                          |
| PACKAGING                              | Tape & Reel (TR)                                                                                           |
| PACKAGE / CASE                         | 16-VFQFN Exposed Pad                                                                                       |
| OTHER NAMES                            | 935298854115                                                                                               |
| OPERATING TEMPERATURE                  | -40°C ~ 125°C (TA)                                                                                         |
| ON-STATE RESISTANCE (MAX)              | 120 Ohm                                                                                                    |
| NUMBER OF CIRCUITS                     | 3                                                                                                          |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT      | 2:1                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL)       | 1 (Unlimited)                                                                                              |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                 |
| DETAILED DESCRIPTION                   | 3 Circuit IC Switch 2:1 120 Ohm 16-DHVQFN (2.5x3.5)                                                        |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 100nA                                                                                                      |
| CROSSTALK                              | -60dB @ 1MHz                                                                                               |
| CHARGE INJECTION                       | -                                                                                                          |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 6 Ohm                                                                                                      |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 3.5pF                                                                                                      |
| BASE PART NUMBER                       | 74HCT4053                                                                                                  |
| -3DB BANDWIDTH                         | 170MHz                                                                                                     |

Related Tags

|                                  |                                       |                                 |
|----------------------------------|---------------------------------------|---------------------------------|
| Nexperia 74HCT4053BQ-Q100,1      | 74HCT4053BQ-Q100,1 Distributor        | 74HCT4053BQ-Q100,1 Supplier     |
| 74HCT4053BQ-Q100,1 Price         | 74HCT4053BQ-Q100,1 Pictures           | 74HCT4053BQ-Q100,1 Image        |
| 74HCT4053BQ-Q100,1 PDF Datasheet | 74HCT4053BQ-Q100,1 Download Datasheet | 74HCT4053BQ-Q100,1 Datasheet    |
| 74HCT4053BQ-Q100,1 Stock         | Buy 74HCT4053BQ-Q100,1                | Buy Nexperia 74HCT4053BQ-Q100,1 |
| Nexperia 74HCT4053BQ-Q100,1      | Nexperia Supplier                     | Nexperia Distributor            |
| Nexperia 74HCT4053BQ-Q100,1      | Nexperia USA Inc. 74HCT4053BQ-Q100,1  |                                 |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                               |
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|  <div><b>74HCT4053D/AUJ</b><br/>Manufacturers: NXP<br/>Description: IC MUX/DEMUX TRIPLE 2X1 16SOIC<br/>In stock: 6040 pcs</div> <div>RFQ</div>                               |  <div><b>74HCT4052PW-Q100,1</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX DUAL 4CH 16TSSOP<br/>In stock: 371133 pcs</div> <div>RFQ</div>                   |
|  <div><b>74HCT4053D,112</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX TRIPLE 2X1 16SOIC<br/>In stock: 215146 pcs</div> <div>RFQ</div>                        |  <div><b>74HCT4053D(BJ)</b><br/>Manufacturers: Toshiba Semiconductor and Storage<br/>Description: IC SERIES TRIPLE 2-CHANNEL<br/>In stock: 889521 pcs</div> <div>RFQ</div> |
|  <div><b>74HCT4053D</b><br/>Manufacturers: Toshiba Semiconductor and Storage<br/>Description: X34 PB-F 74HC CMOS LOGIC IC SERI<br/>In stock: 811339 pcs</div> <div>RFQ</div> |  <div><b>74HCT4052DB,112</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX DUAL 4X1 16SSOP<br/>In stock: 119870 pcs</div> <div>RFQ</div>                       |
|  <div><b>74HCT4052N,112</b><br/>Manufacturers: NXP<br/>Description: IC MUX/DEMUX DUAL 4X1 16DIP<br/>In stock: 3274 pcs</div> <div>RFQ</div>                                  |  <div><b>74HCT4052DB,118</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX DUAL 4X1 16SSOP<br/>In stock: 326859 pcs</div> <div>RFQ</div>                       |
|  <div><b>74HCT4053BQ,115</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX TRIPLE 2X1 16DHVQFN<br/>In stock: 548538 pcs</div> <div>RFQ</div>                     |  <div><b>74HCT4053D-Q100,11</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX TRPL 2CH 16SOIC<br/>In stock: 520703 pcs</div> <div>RFQ</div>                    |
|  <div><b>74HCT4053D,118</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX TRIPLE 2X1 16SOIC<br/>In stock: 760684 pcs</div> <div>RFQ</div>                        |  <div><b>74HCT4052PW,118</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX DUAL 4CHAN 16TSSOP<br/>In stock: 503197 pcs</div> <div>RFQ</div>                    |