



Image may be representation. See specifications for product details.

## HEF4053BP,652

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | HEF4053BP,652                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                      |
| Product description | IC MUX/DEMUX TRIPLE 2X1 16DIP                                                                                       |
| Datasheets:         |  <a href="#">HEF4053BP,652.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

### Specifications of HEF4053BP,652

|                                        |                                                                                                                       |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | HEF4053BP,652                                                                                                         |
| MANUFACTURER                           | NXP Semiconductors / Freescale                                                                                        |
| DESCRIPTION                            | IC MUX/DEMUX TRIPLE 2X1 16DIP                                                                                         |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                            |
| DATA SHEET                             |  <a href="#">HEF4053BP,652.pdf</a> |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 3 V ~ 15 V                                                                                                            |
| VOLTAGE - SUPPLY, DUAL (V±)            | -                                                                                                                     |
| SWITCH TIME (TON, TOFF) (MAX)          | -                                                                                                                     |
| SWITCH CIRCUIT                         | SPDT                                                                                                                  |
| SUPPLIER DEVICE PACKAGE                | 16-DIP                                                                                                                |
| SERIES                                 | -                                                                                                                     |
| PACKAGING                              | Tube                                                                                                                  |
| PACKAGE / CASE                         | 16-DIP (0.300", 7.62mm)                                                                                               |
| OTHER NAMES                            | 568-1692-5<br>933282660652<br>HEF4053BPN                                                                              |
| OPERATING TEMPERATURE                  | -40°C ~ 125°C (TA)                                                                                                    |
| ON-STATE RESISTANCE (MAX)              | 155 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 2:1 155 Ohm 16-DIP                                                                                |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 200nA                                                                                                                 |
| CROSSTALK                              | -50dB @ 1MHz                                                                                                          |
| CHARGE INJECTION                       | -                                                                                                                     |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 5 Ohm                                                                                                                 |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 7.5pF                                                                                                                 |
| BASE PART NUMBER                       | 4053                                                                                                                  |
| -3DB BANDWIDTH                         | 70MHz                                                                                                                 |

### Related Tags

|                                              |                                         |                                                  |
|----------------------------------------------|-----------------------------------------|--------------------------------------------------|
| NXP Semiconductors / Freescale HEF4053BP,652 | HEF4053BP,652 Distributor               | HEF4053BP,652 Supplier                           |
| HEF4053BP,652 Price                          | HEF4053BP,652 Pictures                  | HEF4053BP,652 Image                              |
| HEF4053BP,652 PDF Datasheet                  | HEF4053BP,652 Download Datasheet        | HEF4053BP,652 Datasheet                          |
| HEF4053BP,652 Stock                          | Buy HEF4053BP,652                       | Buy NXP Semiconductors / Freescale HEF4053BP,652 |
| NXP Semiconductors / Freescale HEF4053BP,652 | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor       |
| NXP Semiconductors / Freescale HEF4053BP,652 | NXP Semiconductors HEF4053BP,652        | Freescale HEF4053BP,652                          |
| Freescale Semiconductor - NXP HEF4053BP,652  | NXP USA Inc. HEF4053BP,652              |                                                  |

### Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                   |
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|  <div><b>HEF4053BTT,112</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX TRIPLE 2X1 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>                   |  <div><b>HEF4052BT,653</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX DUAL 4X1 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>                          |
|  <div><b>HEF4052BTT-Q100,11</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX DUAL 4CH 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>                 |  <div><b>HEF4052BTT,112</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX DUAL 4CH 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>                        |
|  <div><b>HEF4052BTT,118</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX DUAL 4CH 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>                     |  <div><b>HEF4052BT-Q100,118</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX DUAL 4CH 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>                     |
|  <div><b>HEF4052BT/AUJ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MUX/DEMUX DUAL 4CH 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>HEF4053BT,652</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX TRIPLE 2X1 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>                        |
|  <div><b>HEF4053BT,653</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX TRIPLE 2X1 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>                     |  <div><b>HEF4053BT/AUJ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC ANLG SWITCH TRPL SPDT 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>HEF4053BT-Q100J</b><br/>Manufacturers: Nexperia<br/>Description: IC ANLG SWITCH TRPL SPDT 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>                  |  <div><b>HEF4053BTT,118</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX TRIPLE 2X1 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>                      |