

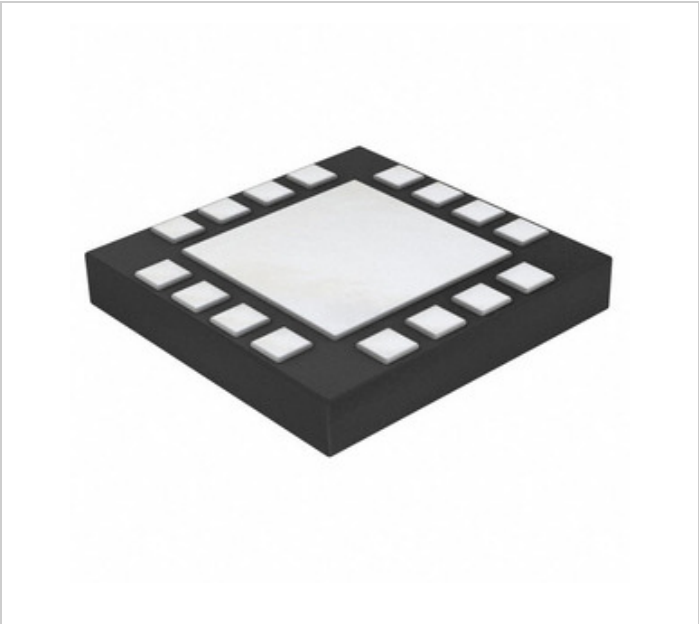


Image may be representation. See specifications for product details.

NX3L4053HR-Q100X

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | NX3L4053HR-Q100X                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                         |
| Product description | IC ANALOG SWITCH SPDT 16HXQFN                                                                                          |
| Datasheets:         |  <a href="#">NX3L4053HR-Q100X.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

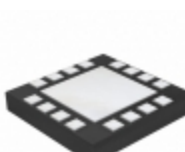
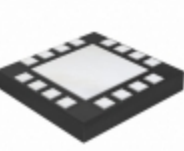
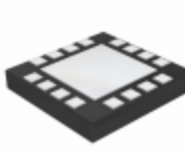
Specifications of NX3L4053HR-Q100X

|                                        |                                                                                                                          |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | NX3L4053HR-Q100X                                                                                                         |
| MANUFACTURER                           | NXP Semiconductors / Freescale                                                                                           |
| DESCRIPTION                            | IC ANALOG SWITCH SPDT 16HXQFN                                                                                            |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                               |
| DATA SHEET                             |  <a href="#">NX3L4053HR-Q100X.pdf</a> |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 1.4 V ~ 4.3 V                                                                                                            |
| VOLTAGE - SUPPLY, DUAL (V±)            | -                                                                                                                        |
| SWITCH TIME (TON, TOFF) (MAX)          | 40ns, 20ns                                                                                                               |
| SWITCH CIRCUIT                         | SPDT                                                                                                                     |
| SUPPLIER DEVICE PACKAGE                | 16-HXQFN (3x3)                                                                                                           |
| SERIES                                 | Automotive, AEC-Q100                                                                                                     |
| PACKAGING                              | Cut Tape (CT)                                                                                                            |
| PACKAGE / CASE                         | 16-XFQFN Exposed Pad                                                                                                     |
| OTHER NAMES                            | 568-12421-1                                                                                                              |
| OPERATING TEMPERATURE                  | -40°C ~ 125°C (TA)                                                                                                       |
| ON-STATE RESISTANCE (MAX)              | 800 mOhm                                                                                                                 |
| 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 2:1 800 mOhm 16-HXQFN (3x3)                                                                          |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 10nA                                                                                                                     |
| CROSTALK                               | -90dB @ 100kHz                                                                                                           |
| CHARGE INJECTION                       | 15pC                                                                                                                     |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 120 mOhm                                                                                                                 |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 35pF                                                                                                                     |
| -3DB BANDWIDTH                         | 60MHz                                                                                                                    |

Related Tags

|                                                 |                                         |                                                     |
|-------------------------------------------------|-----------------------------------------|-----------------------------------------------------|
| NXP Semiconductors / Freescale NX3L4053HR-Q100X | NX3L4053HR-Q100X Distributor            | NX3L4053HR-Q100X Supplier                           |
| NX3L4053HR-Q100X Price                          | NX3L4053HR-Q100X Pictures               | NX3L4053HR-Q100X Image                              |
| NX3L4053HR-Q100X PDF Datasheet                  | NX3L4053HR-Q100X Download Datasheet     | NX3L4053HR-Q100X Datasheet                          |
| NX3L4053HR-Q100X Stock                          | Buy NX3L4053HR-Q100X                    | Buy NXP Semiconductors / Freescale NX3L4053HR-Q100X |
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| NXP Semiconductors / Freescale NX3L4053HR-Q100X | NXP Semiconductors NX3L4053HR-Q100X     | Freescale NX3L4053HR-Q100X                          |
| Freescale Semiconductor - NXP NX3L4053HR-Q100X  | NXP USA Inc. NX3L4053HR-Q100X           |                                                     |

Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>NX3L4051PW,118</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC ANALOG SWITCH 8CH 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>NX3L4053HR,115</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC ANALOG SWITCH SPDT HXQFN16U<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>NX3L4051HR,115</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC ANALOG SWITCH 8CH SGL HXQFN16<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>NX3L4051HR-Q100X</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SWITCH ANLG 8CH 16HXQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>NX3L4051PW-Q100J</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SWITCH ANLG 8CH 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>NX3L4684GM,115</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC ANALOG SWITCH SPDT 10XQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>NX3L4357GM,132</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC ANALOG SWITCH SP3T 10XQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>NX3L4357GM,115</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC ANALOG SWITCH SP3T 10XQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>NX3L4053PW-Q100J</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC ANALOG SWITCH SPDT 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>NX3L4053PW,118</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC ANALOG SWITCH SPDT 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>NX3L4684GM,132</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC ANALOG SWITCH SPDT 10XQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>NX3L2T66GT,115</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC ANALOG SWITCH SPST XSON8<br/>In stock: Out stock<br/><div>RFQ</div></div>    |