



Nexperia



74LVC1G53DP-Q100H

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 74LVC1G53DP-Q100H                                                                                            |
| Manufacturer/Brand: | Nexperia                                                                                                     |
| Product description | IC MUX/DEMUX 2-CH ANALOG 8TSSOP                                                                              |
| Datasheets:         |  74LVC1G53DP-Q100H.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 539711 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.

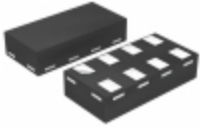
Specifications of 74LVC1G53DP-Q100H

|                                        |                                                                                                           |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | 74LVC1G53DP-Q100H                                                                                         |
| MANUFACTURER                           | Nexperia                                                                                                  |
| DESCRIPTION                            | IC MUX/DEMUX 2-CH ANALOG 8TSSOP                                                                           |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                |
| QUANTITY AVAILABLE                     | 539711 pcs                                                                                                |
| DATA SHEET                             |  74LVC1G53DP-Q100H.pdf |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 1.65 V ~ 5.5 V                                                                                            |
| VOLTAGE - SUPPLY, DUAL (V±)            | -                                                                                                         |
| SWITCH TIME (TON, TOFF) (MAX)          | 3.8ns, 3.8ns                                                                                              |
| SWITCH CIRCUIT                         | SPDT                                                                                                      |
| SUPPLIER DEVICE PACKAGE                | 8-TSSOP                                                                                                   |
| SERIES                                 | Automotive, AEC-Q100                                                                                      |
| PACKAGING                              | Tape & Reel (TR)                                                                                          |
| PACKAGE / CASE                         | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                                                    |
| OTHER NAMES                            | 935300247125                                                                                              |
| OPERATING TEMPERATURE                  | -40°C ~ 125°C (TA)                                                                                        |
| ON-STATE RESISTANCE (MAX)              | 10 Ohm                                                                                                    |
| NUMBER OF CIRCUITS                     | 1                                                                                                         |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT      | 2:1                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL)       | 1 (Unlimited)                                                                                             |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                |
| DETAILED DESCRIPTION                   | 1 Circuit IC Switch 2:1 10 Ohm 8-TSSOP                                                                    |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 5µA                                                                                                       |
| CROSSTALK                              | -                                                                                                         |
| CHARGE INJECTION                       | 7.5pC                                                                                                     |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | -                                                                                                         |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 6pF                                                                                                       |
| BASE PART NUMBER                       | 74LVC1G53                                                                                                 |
| -3DB BANDWIDTH                         | 300MHz                                                                                                    |

Related Tags

|                                 |                                      |                                |
|---------------------------------|--------------------------------------|--------------------------------|
| Nexperia 74LVC1G53DP-Q100H      | 74LVC1G53DP-Q100H Distributor        | 74LVC1G53DP-Q100H Supplier     |
| 74LVC1G53DP-Q100H Price         | 74LVC1G53DP-Q100H Pictures           | 74LVC1G53DP-Q100H Image        |
| 74LVC1G53DP-Q100H PDF Datasheet | 74LVC1G53DP-Q100H Download Datasheet | 74LVC1G53DP-Q100H Datasheet    |
| 74LVC1G53DP-Q100H Stock         | Buy 74LVC1G53DP-Q100H                | Buy Nexperia 74LVC1G53DP-Q100H |
| Nexperia 74LVC1G53DP-Q100H      | Nexperia Supplier                    | Nexperia Distributor           |
| Nexperia 74LVC1G53DP-Q100H      | Nexperia USA Inc. 74LVC1G53DP-Q100H  |                                |

Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>74LVC1G53GT,115</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX 2X1 8XSON<br/>In stock: 153216 pcs</div> <div>RFQ</div>          | <div></div> <div><b>74LVC1G38GW-Q100H</b><br/>Manufacturers: Nexperia<br/>Description: IC GATE NAND 1CH 2-INP 5TSSOP<br/>In stock: 1126513 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>74LVC1G53GS,115</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX 2CH SELECT XSON8<br/>In stock: 437915 pcs</div> <div>RFQ</div>   | <div></div> <div><b>74LVC1G53GD,125</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX 2X1 8XSON<br/>In stock: 166531 pcs</div> <div>RFQ</div>            |
| <div></div> <div><b>74LVC1G53GF,115</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX 2CH SELECT 8XSON<br/>In stock: 502875 pcs</div> <div>RFQ</div>   | <div></div> <div><b>74LVC1G53GM,125</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX 2CH SELECT 8XQFN<br/>In stock: 440746 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>74LVC1G38GX,125</b><br/>Manufacturers: Nexperia<br/>Description: IC GATE NAND OD 1CH 2-INP 4DFN<br/>In stock: 1178573 pcs</div> <div>RFQ</div> | <div></div> <div><b>74LVC1G53GN,115</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX 2CH SELECT 8XSON<br/>In stock: 438195 pcs</div> <div>RFQ</div>     |
| <div></div> <div><b>74LVC1G53DP,125</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX 2X1 8TSSOP<br/>In stock: 568819 pcs</div> <div>RFQ</div>         | <div></div> <div><b>74LVC1G53DC-Q100H</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX 2-CH ANALOG 8VSSOP<br/>In stock: 477428 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>74LVC1G53DC,125</b><br/>Manufacturers: Nexperia<br/>Description: IC MUX/DEMUX 2X1 8VSSOP<br/>In stock: 243261 pcs</div> <div>RFQ</div>         | <div></div> <div><b>74LVC1G38GW,125</b><br/>Manufacturers: Nexperia<br/>Description: IC GATE NAND 1CH 2-INP 5TSSOP<br/>In stock: 267167 pcs</div> <div>RFQ</div>     |