

NXP Semiconductors / Freescale

NTB0102GD-Q100H

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | NTB0102GD-Q100H                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC TRNSLTR BIDIRECTIONAL 8XSON                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3781 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

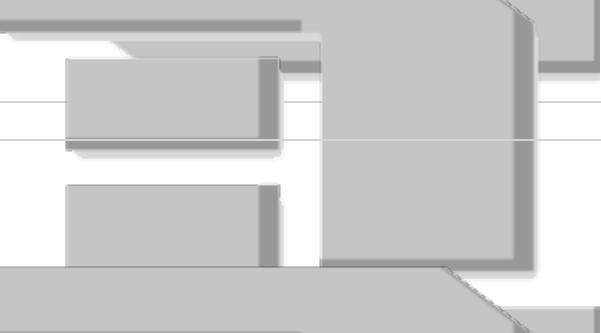
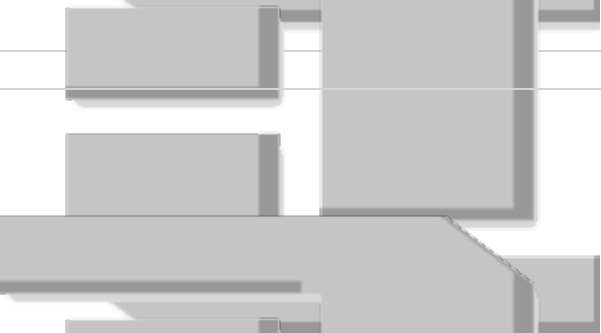
Specifications of NTB0102GD-Q100H

|                                  |                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------|
| PART NUMBER                      | NTB0102GD-Q100H                                                                           |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                            |
| DESCRIPTION                      | IC TRNSLTR BIDIRECTIONAL 8XSON                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                |
| QUANTITY AVAILABLE               | 3781 pcs                                                                                  |
| DATA SHEET                       |                                                                                           |
| VOLTAGE - VCCB                   | 1.65V ~ 5.5V                                                                              |
| VOLTAGE - VCCA                   | 1.2V ~ 3.6V                                                                               |
| TRANSLATOR TYPE                  | Voltage Level                                                                             |
| SUPPLIER DEVICE PACKAGE          | 8-XSON, SOT996-2 (2x3)                                                                    |
| SERIES                           | Automotive, AEC-Q100                                                                      |
| PACKAGING                        | Cut Tape (CT)                                                                             |
| PACKAGE / CASE                   | 8-XFDFN                                                                                   |
| OUTPUT TYPE                      | Tri-State, Non-Inverted                                                                   |
| OUTPUT SIGNAL                    | -                                                                                         |
| OTHER NAMES                      | 568-12376-1                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                        |
| NUMBER OF CIRCUITS               | 1                                                                                         |
| MOUNTING TYPE                    | Surface Mount                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                |
| INPUT SIGNAL                     | -                                                                                         |
| FEATURES                         | Auto-Direction Sensing                                                                    |
| DETAILED DESCRIPTION             | Voltage Level Translator Bidirectional 1 Circuit 2 Channel 100Mbps 8-XSON, SOT996-2 (2x3) |
| DATA RATE                        | 100Mbps                                                                                   |
| CHANNELS PER CIRCUIT             | 2                                                                                         |
| CHANNEL TYPE                     | Bidirectional                                                                             |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| NTB0102GD-Q100H               | NTB0102GD-Q100H Distributor        | NTB0102GD-Q100H Supplier  |
| NTB0102GD-Q100H Price         | NTB0102GD-Q100H Pictures           | NTB0102GD-Q100H Image     |
| NTB0102GD-Q100H PDF Datasheet | NTB0102GD-Q100H Download Datasheet | NTB0102GD-Q100H Datasheet |
| NTB0102GD-Q100H Stock         | Buy NTB0102GD-Q100H                | Buy NTB0102GD-Q100H       |
| NTB0102GD-Q100H               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                   |                                                                                      |                                                                                                                                    |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>NTB0104BQ-Q100X</b><br>Manufacturers: NXP<br>Description: IC TRNSLTR BIDIR 14DHVQFN<br>In stock: 214078 pcs<br><b>RFQ</b>      |  | <b>NTB0101GW-Q100H</b><br>Manufacturers: NXP<br>Description: IC TRNSLTR BIDIRECTIONAL 6TSSOP<br>In stock: 530872 pcs<br><b>RFQ</b> |
|  | <b>NTB0102GD,125</b><br>Manufacturers: NXP<br>Description: IC TRNSLTR BIDIRECTIONAL 8XSON<br>In stock: 3492 pcs<br><b>RFQ</b>     |  | <b>NTB0102GT,115</b><br>Manufacturers: NXP<br>Description: IC TRNSLTR BIDIRECTIONAL 8XSON<br>In stock: 133419 pcs<br><b>RFQ</b>    |
|  | <b>NTB0102GF,115</b><br>Manufacturers: NXP<br>Description: IC TRNSLTR BIDIRECTIONAL 8XSON<br>In stock: 508301 pcs<br><b>RFQ</b>   |  | <b>NTB0104GU12,115</b><br>Manufacturers: NXP<br>Description: IC TRNSLTR BIDIRECTIONAL 12XQFN<br>In stock: 214095 pcs<br><b>RFQ</b> |
|  | <b>NTB0102DP,125</b><br>Manufacturers: NXP<br>Description: IC TRNSLTR BIDIRECTIONAL 8TSSOP<br>In stock: 220950 pcs<br><b>RFQ</b>  |  | <b>NTB0101GW,125</b><br>Manufacturers: NXP<br>Description: IC TRNSLTR BIDIRECTIONAL 6TSSOP<br>In stock: 619917 pcs<br><b>RFQ</b>   |
|  | <b>NTB0104UK,012</b><br>Manufacturers: NXP<br>Description: IC TRNSLTR BIDIRECTIONAL 12WLCSP<br>In stock: 292696 pcs<br><b>RFQ</b> |  | <b>NTB0104BQ,115</b><br>Manufacturers: NXP<br>Description: IC TRNSLTR BIDIR 14DHVQFN<br>In stock: 2149960 pcs<br><b>RFQ</b>        |
|  | <b>NTB0101GS1XL</b><br>Manufacturers: NXP<br>Description: 1BIT BIDIRECTION PUSH-PULL XLATO<br>In stock: 557281 pcs<br><b>RFQ</b>  |  | <b>NTB0102DP-Q100H</b><br>Manufacturers: NXP<br>Description: IC TRNSLTR BIDIRECTIONAL 8TSSOP<br>In stock: 270072 pcs<br><b>RFQ</b> |