

DS100MB201SQE/NOPB



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Part Number: [DS100MB201SQE/NOPB](#)

Manufacturer: [N/A](#)

Description: [IC DUAL LANE MUX/BUFFER 54WQFN](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

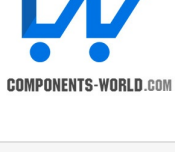
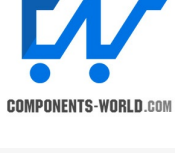
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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                  |                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                   | DS100MB201SQE/NOPB                        | Manufacturer                     | N/A                                                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                   | IC DUAL LANE MUX/BUFFER 54WQFN            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                            | 7703 pcs                                  | Data sheet                       |                                                                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)    | 2.38 V ~ 2.63 V                                                     |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                                   | -                                         | Switch Circuit                   | -                                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                       | 54-WQFN (10x5.5)                          | Series                           | -                                                                   |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                     | Tape & Reel (TR)                          | Package / Case                   | 54-WQFN Exposed Pad                                                 |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                   | DS100MB201SQE/NOPBTR                      | Operating Temperature            | -40°C ~ 85°C (TA)                                                   |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Number of Channels               | 4                                                                   |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                                             | 2:1, 1:2                                  | Moisture Sensitivity Level (MSL) | 2 (1 Year)                                                          |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                               | 20 Weeks                                  | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                          |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                      | RXAUI, SATA, XAUI                         | Detailed Description             | Networking, Telecommunications Switch IC 4 Channel 54-WQFN (10x5.5) |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                              | DS100MB201                                | Applications                     | Networking, Telecommunications                                      |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                                                                | -                                         |                                  |                                                                     |
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| RELATED PRODUCTS                                                                   |                                                                                                           |                                                 |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">DS100DF410SQE/NOPB</a><br>Description: <a href="#">IC RETIMER 10GBE 4CH 48WQFN</a>     | Manufacturers: <a href="#">N/A</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">DS100KR401SQ/NOPB</a><br>Description: <a href="#">IC REDRIVER 8CH 10.3GBPS 54WQFN</a>  | Manufacturers: <a href="#">N/A</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">DS100KR800SQE/NOPB</a><br>Description: <a href="#">IC REDRIVER 8CH 10.3GBPS 54WQFN</a> | Manufacturers: <a href="#">N/A</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">DS1010-125</a><br>Description: <a href="#">IC DELAY LINE 10TAP 125NS 14DIP</a>         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS1010-100</a><br>Description: <a href="#">IC DELAY LINE 10TAP 100NS 14DIP</a>         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS100KR401EVK/NOPB</a><br>Description: <a href="#">BOARD EVAL FOR DS100KR401</a>       | Manufacturers: <a href="#">N/A</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">DS1010-200</a><br>Description: <a href="#">IC DELAY LINE 10TAP 200NS 14DIP</a>         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS1010-150</a><br>Description: <a href="#">IC DELAY LINE 10TAP 150NS 14DIP</a>         | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS100KR401SQE/NOPB</a><br>Description: <a href="#">IC REDRIVER 8CH 10.3GBPS 54WQFN</a> | Manufacturers: <a href="#">N/A</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">DS100KR800EVK/NOPB</a><br>Description: <a href="#">BOARD EVAL FOR DS100KR800</a>       | Manufacturers: <a href="#">N/A</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">DS100KR800SQ/NOPB</a><br>Description: <a href="#">IC REDRIVER 8CH 10.3GBPS 54WQFN</a>  | Manufacturers: <a href="#">N/A</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">DS100RT410SQ/NOPB</a><br>Description: <a href="#">IC RETIMER ETHERNET 48WQFN</a>       | Manufacturers: <a href="#">N/A</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">DS100MB201SQ/NOPB</a><br>Description: <a href="#">IC DUAL LANE MUX/BUFFER 54WQFN</a>   | Manufacturers: <a href="#">N/A</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">DS100DF410EVK/NOPB</a><br>Description: <a href="#">BOARD EVAL FOR DS100DF410</a>       | Manufacturers: <a href="#">N/A</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">DS1010-1000</a><br>Description: <a href="#">IC DELAY LINE 10TAP 1US 14DIP</a>          | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DS100RT410SQE/NOPB</a><br>Description: <a href="#">IC RETIMER 10GBE LP 4CH 48WQFN</a>  | Manufacturers: <a href="#">N/A</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">DS100MB203SQE/NOPB</a><br>Description: <a href="#">IC MUX/BUFFER DUAL PORT 54WQFN</a>  | Manufacturers: <a href="#">N/A</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">DS100DF410SQ/NOPB</a><br>Description: <a href="#">IC RETIMER 10GBE 4CH 48WQFN</a>      | Manufacturers: <a href="#">N/A</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">DS100MB203EVK/NOPB</a><br>Description: <a href="#">EVAL KIT FOR DS100MB203</a>         | Manufacturers: <a href="#">N/A</a>              | <div>RFQ</div> |
|  | Part#: <a href="#">DS100MB203SQ/NOPB</a><br>Description: <a href="#">IC MUX 2:1 54WQFN</a>                | Manufacturers: <a href="#">N/A</a>              | <div>RFQ</div> |

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|------------------------------------------------|--------------------------------|-----------------------------|--------------------------|
| Related keywords for <b>DS100MB201SQE/NOPB</b> |                                |                             |                          |
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