

MUX509IDR



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Part Number: [MUX509IDR](#)

Manufacturer: [N/A](#)

Description: [IC MUX DUAL 4:1 170 OHM 16SOIC](#)

Data sheet:

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

Ship From: [Hong Kong](#)

Shipment Way: [DHL/Fedex/TNT/UPS/EMS](#)

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                     |                                           |                                    |                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------|-----------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                           | MUX509IDR                                 | Manufacturer                       | N/A                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                           | IC MUX DUAL 4:1 170 OHM 16SOIC            | Lead Free Status / RoHS Status     | Lead free / RoHS Compliant              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                    | 71055 pcs                                 | Data sheet                         |                                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)      | 10 V ~ 36 V                             |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                           | ±5 V ~ 18 V                               | Switch Time (Ton, Toff) (Max)      | 136ns, 75ns                             |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                        | SP4T                                      | Supplier Device Package            | 16-SOIC                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Packaging                          | Cut Tape (CT)                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                        | 16-SOIC (0.154", 3.90mm Width)            | Other Names                        | 296-44863-1                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 125°C (TA)                        | On-State Resistance (Max)          | 170 Ohm                                 |
| Number of Circuits                                                                                                                                                                                                                                                                                                                                                                                                    | 2                                         | Multiplexer/Demultiplexer Circuit  | 4:1                                     |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                      | 2 (1 Year)                                | Manufacturer Standard Lead Time    | 20 Weeks                                |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                        | Lead free / RoHS Compliant                | Detailed Description               | 2 Circuit IC Switch 4:1 170 Ohm 16-SOIC |
| Current - Leakage (IS(off)) (Max)                                                                                                                                                                                                                                                                                                                                                                                     | 1nA                                       | Crosstalk                          | -96dB @ 1MHz                            |
| Charge Injection                                                                                                                                                                                                                                                                                                                                                                                                      | 0.3pC                                     | Channel-to-Channel Matching (ΔRon) | 2.4 Ohm                                 |
| Channel Capacitance (CS(off), CD(off))                                                                                                                                                                                                                                                                                                                                                                                | 2.4pF, 4.3pF                              | -3db Bandwidth                     | -                                       |
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|  | Part#: <a href="#">MUX506IPW</a><br>Description: <a href="#">IC MUX 16:1 170 OHM 28-TSSOP</a>      | Manufacturers: <a href="#">N/A</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MUXN715GY</a><br>Description: <a href="#">MOTOR AC INDUCT 15W 200V 70MM</a>     | Manufacturers: <a href="#">Panasonic</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MUX507IPWR</a><br>Description: <a href="#">IC MUX DUAL 8:1 170 OHM 28-TSSOP</a> | Manufacturers: <a href="#">N/A</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MUX509IPW</a><br>Description: <a href="#">IC MUX DUAL 4:1 170 OHM 16TSSOP</a>   | Manufacturers: <a href="#">N/A</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MUX506IPWR</a><br>Description: <a href="#">IC MUX 16:1 170 OHM 28-TSSOP</a>     | Manufacturers: <a href="#">N/A</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MUXN825GY</a><br>Description: <a href="#">MOTOR AC INDUCT 40W 100V 90MM</a>     | Manufacturers: <a href="#">Panasonic</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MUX507IPW</a><br>Description: <a href="#">IC MUX DUAL 8:1 170 OHM 28-TSSOP</a>  | Manufacturers: <a href="#">N/A</a>       | <div>RFQ</div> |
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