



MAX4522ESE+

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|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MAX4522ESE+                                                                                                                                                                                                                           |
| Manufacturer/Brand: | Maxim Integrated                                                                                                                                                                                                                      |
| Product description | IC SWITCH QUAD SPST 16SOIC                                                                                                                                                                                                            |
| Datasheets:         | <div><div>1.MAX4522ESE+.pdf</div><div>2.MAX4522ESE+.pdf</div></div> |
| RoHs Status         | <div>Lead free / RoHS Compliant</div>                                                                                                                |
| Stock Condition     | 46754 pcs stock                                                                                                                                                                                                                       |
| Ship From           | Hong Kong                                                                                                                                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                 |

REQUEST FOR QUOTATION

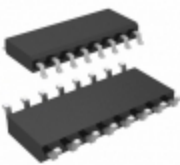
Specifications of MAX4522ESE+

|                                        |                                                                                                                                                                                                                                           |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | MAX4522ESE+                                                                                                                                                                                                                               |
| MANUFACTURER                           | Maxim Integrated                                                                                                                                                                                                                          |
| DESCRIPTION                            | IC SWITCH QUAD SPST 16SOIC                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                                                                                                                                                |
| QUANTITY AVAILABLE                     | 46754 pcs                                                                                                                                                                                                                                 |
| DATA SHEET                             | <div><div>1.MAX4522ESE+.pdf</div><div>2.MAX4522ESE+.pdf</div></div> |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 2 V ~ 12 V                                                                                                                                                                                                                                |
| VOLTAGE - SUPPLY, DUAL (V±)            | ±2 V ~ 6 V                                                                                                                                                                                                                                |
| SWITCH TIME (TON, TOFF) (MAX)          | 80ns, 30ns                                                                                                                                                                                                                                |
| SWITCH CIRCUIT                         | SPST - NO                                                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE                | 16-SO                                                                                                                                                                                                                                     |
| SERIES                                 | -                                                                                                                                                                                                                                         |
| PACKAGING                              | Tube                                                                                                                                                                                                                                      |
| PACKAGE / CASE                         | 16-SOIC (0.154", 3.90mm Width)                                                                                                                                                                                                            |
| OPERATING TEMPERATURE                  | -40°C ~ 85°C (TA)                                                                                                                                                                                                                         |
| ON-STATE RESISTANCE (MAX)              | 100 Ohm                                                                                                                                                                                                                                   |
| NUMBER OF CIRCUITS                     | 4                                                                                                                                                                                                                                         |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT      | 1:1                                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL)       | 1 (Unlimited)                                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                                                                                                                                                |
| DETAILED DESCRIPTION                   | 4 Circuit IC Switch 1:1 100 Ohm 16-SO                                                                                                                                                                                                     |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 1nA                                                                                                                                                                                                                                       |
| CROSSTALK                              | -90dB @ 100kHz                                                                                                                                                                                                                            |
| CHARGE INJECTION                       | 1pC                                                                                                                                                                                                                                       |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 1 Ohm                                                                                                                                                                                                                                     |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 2pF, 2pF                                                                                                                                                                                                                                  |
| BASE PART NUMBER                       | MAX4522                                                                                                                                                                                                                                   |
| -3DB BANDWIDTH                         | -                                                                                                                                                                                                                                         |

Related Tags

|                              |                                |                                  |
|------------------------------|--------------------------------|----------------------------------|
| Maxim Integrated MAX4522ESE+ | MAX4522ESE+ Distributor        | MAX4522ESE+ Supplier             |
| MAX4522ESE+ Price            | MAX4522ESE+ Pictures           | MAX4522ESE+ Image                |
| MAX4522ESE+ PDF Datasheet    | MAX4522ESE+ Download Datasheet | MAX4522ESE+ Datasheet            |
| MAX4522ESE+ Stock            | Buy MAX4522ESE+                | Buy Maxim Integrated MAX4522ESE+ |
| Maxim Integrated MAX4522ESE+ | Maxim Integrated Supplier      | Maxim Integrated Distributor     |
| Maxim Integrated MAX4522ESE+ |                                |                                  |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                          |
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| <div></div> <div><b>MAX4523CEE</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16QSOP<br/>In stock: 3550 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>MAX4522EUE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 43125 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MAX4523CEE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16QSOP<br/>In stock: 6232 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MAX4522ESE</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 3152 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MAX4522EUE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 65913 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MAX4522EPE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: 4279 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MAX4523CEE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16QSOP<br/>In stock: 4561 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MAX4522EPE</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: 5647 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>MAX4522EEE</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16QSOP<br/>In stock: 6976 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>MAX4522EEE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16QSOP<br/>In stock: 51588 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MAX4522ESE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 4503 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>MAX4522EEE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16QSOP<br/>In stock: 6950 pcs<br/><div>RFQ</div></div>  |