



MAX4509ESE+T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MAX4509ESE+T                                                                                                 |
| Manufacturer/Brand: | Maxim Integrated                                                                                             |
| Product description | IC MULTIPLEXER DUAL 4X1 16SOIC                                                                               |
| Datasheets:         |  1.MAX4509ESE+T.pdf         |
|                     |  2.MAX4509ESE+T.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 17736 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

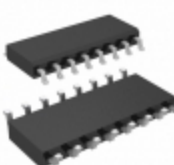
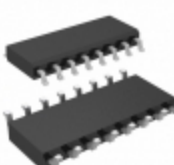
Specifications of MAX4509ESE+T

|                                        |                                                                                                                                                                                                                  |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | MAX4509ESE+T                                                                                                                                                                                                     |
| MANUFACTURER                           | Maxim Integrated                                                                                                                                                                                                 |
| DESCRIPTION                            | IC MULTIPLEXER DUAL 4X1 16SOIC                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                                                                                                                       |
| QUANTITY AVAILABLE                     | 17736 pcs                                                                                                                                                                                                        |
| DATA SHEET                             |  1.MAX4509ESE+T.pdf<br> 2.MAX4509ESE+T.pdf |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 9 V ~ 36 V                                                                                                                                                                                                       |
| VOLTAGE - SUPPLY, DUAL (V±)            | ±4.5 V ~ 20 V                                                                                                                                                                                                    |
| SWITCH TIME (TON, TOFF) (MAX)          | 275ns, 200ns                                                                                                                                                                                                     |
| SWITCH CIRCUIT                         | SP4T                                                                                                                                                                                                             |
| SUPPLIER DEVICE PACKAGE                | 16-SO                                                                                                                                                                                                            |
| SERIES                                 | -                                                                                                                                                                                                                |
| PACKAGING                              | Tape & Reel (TR)                                                                                                                                                                                                 |
| PACKAGE / CASE                         | 16-SOIC (0.154", 3.90mm Width)                                                                                                                                                                                   |
| OPERATING TEMPERATURE                  | -40°C ~ 85°C (TA)                                                                                                                                                                                                |
| ON-STATE RESISTANCE (MAX)              | 400 Ohm                                                                                                                                                                                                          |
| NUMBER OF CIRCUITS                     | 2                                                                                                                                                                                                                |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT      | 4:1                                                                                                                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL)       | 1 (Unlimited)                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                                                                                                                       |
| DETAILED DESCRIPTION                   | 2 Circuit IC Switch 4:1 400 Ohm 16-SO                                                                                                                                                                            |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 500pA                                                                                                                                                                                                            |
| CROSSTALK                              | -62dB @ 1MHz                                                                                                                                                                                                     |
| CHARGE INJECTION                       | 2pC                                                                                                                                                                                                              |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 15 Ohm (Max)                                                                                                                                                                                                     |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 10pF, 14pF                                                                                                                                                                                                       |
| BASE PART NUMBER                       | MAX4509                                                                                                                                                                                                          |
| -3DB BANDWIDTH                         | -                                                                                                                                                                                                                |

Related Tags

|                               |                                 |                                   |
|-------------------------------|---------------------------------|-----------------------------------|
| Maxim Integrated MAX4509ESE+T | MAX4509ESE+T Distributor        | MAX4509ESE+T Supplier             |
| MAX4509ESE+T Price            | MAX4509ESE+T Pictures           | MAX4509ESE+T Image                |
| MAX4509ESE+T PDF Datasheet    | MAX4509ESE+T Download Datasheet | MAX4509ESE+T Datasheet            |
| MAX4509ESE+T Stock            | Buy MAX4509ESE+T                | Buy Maxim Integrated MAX4509ESE+T |
| Maxim Integrated MAX4509ESE+T | Maxim Integrated Supplier       | Maxim Integrated Distributor      |
| Maxim Integrated MAX4509ESE+T |                                 |                                   |

Related Products

|                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MAX450CPD+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC AMP VIDEO CMOS 10MHZ 14-DIP<br/>In stock: 6052 pcs</div> <div>RFQ</div>    | <div></div> <div><b>MAX4509CPE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER DUAL 4X1 16DIP<br/>In stock: 8561 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>MAX4509CSE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER DUAL 4X1 16SOIC<br/>In stock: 18538 pcs</div> <div>RFQ</div> | <div></div> <div><b>MAX4509CPE</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MUX 8CH DUAL 4CH 16DIP<br/>In stock: 4502 pcs</div> <div>RFQ</div>        |
| <div></div> <div><b>MAX450CPD</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC AMP VIDEO CMOS 10MHZ 14-DIP<br/>In stock: 4618 pcs</div> <div>RFQ</div>     | <div></div> <div><b>MAX4510EUT+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH SPST SOT23-6<br/>In stock: 58593 pcs</div> <div>RFQ</div>        |
| <div></div> <div><b>MAX4508ESE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER 8X1 16SOIC<br/>In stock: 19974 pcs</div> <div>RFQ</div>      | <div></div> <div><b>MAX4509CSE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER DUAL 4X1 16SOIC<br/>In stock: 16507 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MAX4511CPE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: 13846 pcs</div> <div>RFQ</div>       | <div></div> <div><b>MAX4509ESE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER DUAL 4X1 16SOIC<br/>In stock: 11131 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MAX4511CSE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 22189 pcs</div> <div>RFQ</div>     | <div></div> <div><b>MAX4511CSE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 14614 pcs</div> <div>RFQ</div>     |