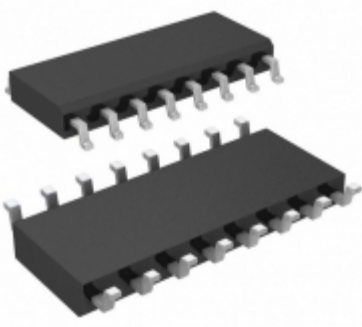


MAX4604ESE+



Images are for reference only.  
See Product Specifications for product details.  
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maxim  
integrated™

Part Number: [MAX4604ESE+](#)

Manufacturer: [Maxim Integrated](#)

Description: IC SWITCH QUAD SPST 16SOIC

Data sheet:  [MAX4604-06](#)  
 [Part Numbering System](#)

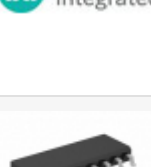
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                           |                                        |                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                               | MAX4604ESE+                               | Manufacturer                           | <a href="#">Maxim Integrated</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC SWITCH QUAD SPST 16SOIC                | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                        | 20513 pcs                                 | Data sheet                             | <a href="#">MAX4604-06</a><br><a href="#">Part Numbering System</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply, Single (V+)          | 4.5 V ~ 36 V                                                        |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                                                               | ±4.5 V ~ 20 V                             | Switch Time (Ton, Toff) (Max)          | 120ns, 130ns                                                        |
| Switch Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                            | SPST - NC                                 | 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)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 4 Ohm                                     | Number of Circuits                     | 4                                                                   |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                                                                         | 1:1                                       | Moisture Sensitivity Level (MSL)       | 1 (Unlimited)                                                       |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                           | 6 Weeks                                   | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4 Circuit IC Switch 1:1 4 Ohm 16-SO       | Current - Leakage (IS(off)) (Max)      | 500pA                                                               |
| Crosstalk                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -60dB @ 1MHz                              | Charge Injection                       | 225pC                                                               |
| Channel-to-Channel Matching (ΔRon)                                                                                                                                                                                                                                                                                                                                                                                                                        | 200 mOhm                                  | Channel Capacitance (CS(off), CD(off)) | 34pF, 34pF                                                          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                          | MAX4604                                   | -3db Bandwidth                         | -                                                                   |
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| RELATED PRODUCTS                                                                   |                                                                                    |                                                 |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">MAX4603EWE</a><br>Description: IC SWITCH QUAD SPST 16SOIC       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4604CSE+</a><br>Description: IC SWITCH QUAD SPST 16SOIC      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4604CPE+</a><br>Description: IC SWITCH QUAD SPST 16DIP       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4604CSE+T</a><br>Description: IC SWITCH QUAD SPST 16SOIC     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4606CPE</a><br>Description: IC SW QUAD ANLG CMOS SPST 16-DIP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4603EWE+</a><br>Description: IC SWITCH QUAD SPST 16SOIC      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4605CPE</a><br>Description: IC SW QUAD ANLG CMOS SPST 16-DIP | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4605CSE+T</a><br>Description: IC SWITCH QUAD SPST 16SOIC     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4605CSE+</a><br>Description: IC SWITCH QUAD SPST 16SOIC      | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX4604CPE</a><br>Description: IC SWITCH QUAD SPST 16DIP        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4604ESE+T</a><br>Description: IC SWITCH QUAD SPST 16SOIC     | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4604EPE+</a><br>Description: IC SWITCH QUAD SPST 16DIP       | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MAX4605ESE</a><br>Description: IC SW QUAD ANLG CMOS SPST 16SOIC | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MAX4604EPE</a><br>Description: IC SWITCH QUAD SPST 16DIP        | Manufacturers: <a href="#">Maxim Integrated</a> | <div>RFQ</div> |

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