



MAX4612ESD

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MAX4612ESD                                                                                                           |
| Manufacturer/Brand: | Maxim Integrated                                                                                                     |
| Product description | IC SWITCH QUAD SPST 14SOIC                                                                                           |
|                     |  1.MAX4612ESD.pdf                   |
|                     |  2.MAX4612ESD.pdf                   |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of MAX4612ESD

|                                        |                                                                                                                                                                                                              |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | MAX4612ESD                                                                                                                                                                                                   |
| MANUFACTURER                           | Maxim Integrated                                                                                                                                                                                             |
| DESCRIPTION                            | IC SWITCH QUAD SPST 14SOIC                                                                                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS         | Contains lead / RoHS non-compliant                                                                                                                                                                           |
| DATA SHEET                             |  1.MAX4612ESD.pdf<br> 2.MAX4612ESD.pdf |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 2 V ~ 12 V                                                                                                                                                                                                   |
| VOLTAGE - SUPPLY, DUAL (V±)            | -                                                                                                                                                                                                            |
| SWITCH TIME (TON, TOFF) (MAX)          | 65ns, 28ns                                                                                                                                                                                                   |
| SWITCH CIRCUIT                         | SPST - NO/NC                                                                                                                                                                                                 |
| SUPPLIER DEVICE PACKAGE                | 14-SOIC                                                                                                                                                                                                      |
| SERIES                                 | -                                                                                                                                                                                                            |
| PACKAGING                              | Tube                                                                                                                                                                                                         |
| PACKAGE / CASE                         | 14-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         | Contains lead / RoHS non-compliant                                                                                                                                                                           |
| DETAILED DESCRIPTION                   | 4 Circuit IC Switch 1:1 100 Ohm 14-SOIC                                                                                                                                                                      |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 100pA                                                                                                                                                                                                        |
| CROSSTALK                              | -80dB @ 1MHz                                                                                                                                                                                                 |
| CHARGE INJECTION                       | 1pC                                                                                                                                                                                                          |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 1 Ohm                                                                                                                                                                                                        |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 16pF, 16pF                                                                                                                                                                                                   |
| BASE PART NUMBER                       | MAX4612                                                                                                                                                                                                      |
| -3DB BANDWIDTH                         | 300MHz                                                                                                                                                                                                       |

Related Tags

|                             |                               |                                 |
|-----------------------------|-------------------------------|---------------------------------|
| Maxim Integrated MAX4612ESD | MAX4612ESD Distributor        | MAX4612ESD Supplier             |
| MAX4612ESD Price            | MAX4612ESD Pictures           | MAX4612ESD Image                |
| MAX4612ESD PDF Datasheet    | MAX4612ESD Download Datasheet | MAX4612ESD Datasheet            |
| MAX4612ESD Stock            | Buy MAX4612ESD                | Buy Maxim Integrated MAX4612ESD |
| Maxim Integrated MAX4612ESD | Maxim Integrated Supplier     | Maxim Integrated Distributor    |
| Maxim Integrated MAX4612ESD |                               |                                 |

Related Products

|                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MAX4612ESD+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 14SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MAX4612CSD</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 14SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>MAX4612ESD+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 14SOIC<br/>In stock: 47 pcs<br/><div>RFQ</div></div>      |  <div><b>MAX4612EPD+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC ANALOG SW SPST NO-NC 14DIP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MAX4613CPE</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>MAX4612EUD</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 14TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>MAX4612EUD+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 14TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MAX4612CUD+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 14TSSOP<br/>In stock: 51 pcs<br/><div>RFQ</div></div>      |
|  <div><b>MAX4612EUD+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 14TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MAX4612EPD</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SW QUAD SPST N/O-N/C 14-DIP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MAX4612CSD+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 14SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MAX4612CSD+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 14SOIC<br/>In stock: 164 pcs<br/><div>RFQ</div></div>      |