



Maxim Integrated



Image may be representation. See specifications for product details.

MAX4612ESD+

|                     |                                                                                                             |
|---------------------|-------------------------------------------------------------------------------------------------------------|
| Part Number:        | MAX4612ESD+                                                                                                 |
| Manufacturer/Brand: | Maxim Integrated                                                                                            |
| Product description | IC SWITCH QUAD SPST 14SOIC                                                                                  |
| Datasheets:         | <div><div>PDF</div><div>1.MAX4612ESD+.pdf</div></div> <div><div>PDF</div><div>2.MAX4612ESD+.pdf</div></div> |
| RoHs Status         | <div><div>RoHS</div><div>Lead free / RoHS Compliant</div></div>                                             |
| Stock Condition     | 39180 pcs stock                                                                                             |
| 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         | Lead free / RoHS Compliant                                                                                  |
| QUANTITY AVAILABLE                     | 39180 pcs                                                                                                   |
| DATA SHEET                             | <div><div>PDF</div><div>1.MAX4612ESD+.pdf</div></div> <div><div>PDF</div><div>2.MAX4612ESD+.pdf</div></div> |
| 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         | Lead free / RoHS 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><div></div><div><div>MAX4612ESD+T</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC SWITCH QUAD SPST 14SOIC</div><div>In stock: 3162 pcs</div><div>RFQ</div></div></div>  | <div><div></div><div><div>MAX4612CUD+</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC SWITCH QUAD SPST 14TSSOP</div><div>In stock: 41717 pcs</div><div>RFQ</div></div></div>  |
| <div><div></div><div><div>MAX4612CSD+T</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC SWITCH QUAD SPST 14SOIC</div><div>In stock: 63882 pcs</div><div>RFQ</div></div></div> | <div><div></div><div><div>MAX4612EUD+T</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC SWITCH QUAD SPST 14TSSOP</div><div>In stock: 3420 pcs</div><div>RFQ</div></div></div>  |
| <div><div></div><div><div>MAX4612EUD+</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC SWITCH QUAD SPST 14TSSOP</div><div>In stock: 43159 pcs</div><div>RFQ</div></div></div> | <div><div></div><div><div>MAX4612EPD</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC SW QUAD SPST N/O-N/C 14-DIP</div><div>In stock: 3535 pcs</div><div>RFQ</div></div></div> |
| <div><div></div><div><div>MAX4613CPE+</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC SWITCH QUAD SPST 16DIP</div><div>In stock: 3198 pcs</div><div>RFQ</div></div></div>    | <div><div></div><div><div>MAX4612EUD</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC SWITCH QUAD SPST 14TSSOP</div><div>In stock: 4501 pcs</div><div>RFQ</div></div></div>    |
| <div><div></div><div><div>MAX4612ESD</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC SWITCH QUAD SPST 14SOIC</div><div>In stock: 4953 pcs</div><div>RFQ</div></div></div>    | <div><div></div><div><div>MAX4612EPD+</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC ANALOG SW SPST NO-NC 14DIP</div><div>In stock: 5734 pcs</div><div>RFQ</div></div></div> |
| <div><div></div><div><div>MAX4613CPE</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC SWITCH QUAD SPST 16DIP</div><div>In stock: 6761 pcs</div><div>RFQ</div></div></div>     | <div><div></div><div><div>MAX4612CSD+</div><div>Manufacturers: Maxim Integrated</div><div>Description: IC SWITCH QUAD SPST 14SOIC</div><div>In stock: 48465 pcs</div><div>RFQ</div></div></div>   |