

Maxim Integrated



Image may be representation. See specifications for product details.

MAX4580EAE+

|                     |                                                                                                                                                                                                            |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MAX4580EAE+                                                                                                                                                                                                |
| Manufacturer/Brand: | Maxim Integrated                                                                                                                                                                                           |
| Product description | IC SWITCH DUAL SPST 16SSOP                                                                                                                                                                                 |
| Datasheets:         |  1.MAX4580EAE+.pdf<br> 2.MAX4580EAE+.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                               |
| Stock Condition     | 7182 pcs stock                                                                                                                                                                                             |
| Ship From           | Hong Kong                                                                                                                                                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                      |

REQUEST FOR QUOTATION

Specifications of MAX4580EAE+

|                                        |                                                                                                                                                                                                                |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | MAX4580EAE+                                                                                                                                                                                                    |
| MANUFACTURER                           | Maxim Integrated                                                                                                                                                                                               |
| DESCRIPTION                            | IC SWITCH DUAL SPST 16SSOP                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                                                                                                                     |
| QUANTITY AVAILABLE                     | 7182 pcs                                                                                                                                                                                                       |
| DATA SHEET                             |  1.MAX4580EAE+.pdf<br> 2.MAX4580EAE+.pdf |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 4.5 V ~ 36 V                                                                                                                                                                                                   |
| VOLTAGE - SUPPLY, DUAL (V±)            | ±4.5 V ~ 20 V                                                                                                                                                                                                  |
| SWITCH TIME (TON, TOFF) (MAX)          | 160ns, 210ns                                                                                                                                                                                                   |
| SWITCH CIRCUIT                         | SPST - NC                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE                | 16-SSOP                                                                                                                                                                                                        |
| SERIES                                 | -                                                                                                                                                                                                              |
| PACKAGING                              | Tube                                                                                                                                                                                                           |
| PACKAGE / CASE                         | 16-SSOP (0.209", 5.30mm Width)                                                                                                                                                                                 |
| OPERATING TEMPERATURE                  | -40°C ~ 85°C (TA)                                                                                                                                                                                              |
| ON-STATE RESISTANCE (MAX)              | 1.25 Ohm                                                                                                                                                                                                       |
| NUMBER OF CIRCUITS                     | 2                                                                                                                                                                                                              |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT      | 1:1                                                                                                                                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL)       | 1 (Unlimited)                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                                                                                                                     |
| DETAILED DESCRIPTION                   | 2 Circuit IC Switch 1:1 1.25 Ohm 16-SSOP                                                                                                                                                                       |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 500pA                                                                                                                                                                                                          |
| CROSSTALK                              | -65dB @ 1MHz                                                                                                                                                                                                   |
| CHARGE INJECTION                       | -60pC                                                                                                                                                                                                          |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 500 mOhm                                                                                                                                                                                                       |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 115pF                                                                                                                                                                                                          |
| BASE PART NUMBER                       | MAX4580                                                                                                                                                                                                        |
| -3DB BANDWIDTH                         | -                                                                                                                                                                                                              |

Related Tags

|                              |                                |                                  |
|------------------------------|--------------------------------|----------------------------------|
| Maxim Integrated MAX4580EAE+ | MAX4580EAE+ Distributor        | MAX4580EAE+ Supplier             |
| MAX4580EAE+ Price            | MAX4580EAE+ Pictures           | MAX4580EAE+ Image                |
| MAX4580EAE+ PDF Datasheet    | MAX4580EAE+ Download Datasheet | MAX4580EAE+ Datasheet            |
| MAX4580EAE+ Stock            | Buy MAX4580EAE+                | Buy Maxim Integrated MAX4580EAE+ |
| Maxim Integrated MAX4580EAE+ | Maxim Integrated Supplier      | Maxim Integrated Distributor     |
| Maxim Integrated MAX4580EAE+ |                                |                                  |

Related Products

|                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                              |
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|  <div><b>MAX4580CWE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH DUAL SPST 16SOIC<br/>In stock: 6248 pcs<br/><b>RFQ</b></div>   |  <div><b>MAX4581ASE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER 8X1 16SOIC<br/>In stock: 52266 pcs<br/><b>RFQ</b></div>     |
|  <div><b>MAX4580CPE</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH DUAL SPST 16DIP<br/>In stock: 2845 pcs<br/><b>RFQ</b></div>     |  <div><b>MAX4581AUE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER 8X1 16TSSOP<br/>In stock: 51095 pcs<br/><b>RFQ</b></div>     |
|  <div><b>MAX4580EAE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH DUAL SPST 16SSOP<br/>In stock: 17885 pcs<br/><b>RFQ</b></div> |  <div><b>MAX4580EWE</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SW DUAL ANLG CMOS SPST 16SOIC<br/>In stock: 6143 pcs<br/><b>RFQ</b></div> |
|  <div><b>MAX4581ASE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER 8X1 16SOIC<br/>In stock: 54974 pcs<br/><b>RFQ</b></div>   |  <div><b>MAX4580EPE</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SW DUAL ANLG CMOS SPST 16-DIP<br/>In stock: 3479 pcs<br/><b>RFQ</b></div> |
|  <div><b>MAX4580CPE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH DUAL SPST 16DIP<br/>In stock: 5868 pcs<br/><b>RFQ</b></div>    |  <div><b>MAX4580EAE</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH DUAL SPST 16SSOP<br/>In stock: 6938 pcs<br/><b>RFQ</b></div>       |
|  <div><b>MAX4580CAE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH DUAL SPST 16SSOP<br/>In stock: 25485 pcs<br/><b>RFQ</b></div> |  <div><b>MAX4580CWE</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH DUAL SPST 16SOIC<br/>In stock: 3266 pcs<br/><b>RFQ</b></div>       |