



Maxim Integrated



MAX4581AUE+T

|                     |                                                                                                                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MAX4581AUE+T                                                                                                                                                                                                 |
| Manufacturer/Brand: | Maxim Integrated                                                                                                                                                                                             |
| Product description | IC MULTIPLEXER 8X1 16TSSOP                                                                                                                                                                                   |
| Datasheets:         |  1.MAX4581AUE+T.pdf<br> 2.MAX4581AUE+T.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                 |
| Stock Condition     | 71848 pcs stock                                                                                                                                                                                              |
| Ship From           | Hong Kong                                                                                                                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                        |

REQUEST FOR QUOTATION

Specifications of MAX4581AUE+T

|                                        |                                                                                                                                                                                                                  |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | MAX4581AUE+T                                                                                                                                                                                                     |
| MANUFACTURER                           | Maxim Integrated                                                                                                                                                                                                 |
| DESCRIPTION                            | IC MULTIPLEXER 8X1 16TSSOP                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                                                                                                                       |
| QUANTITY AVAILABLE                     | 71848 pcs                                                                                                                                                                                                        |
| DATA SHEET                             |  1.MAX4581AUE+T.pdf<br> 2.MAX4581AUE+T.pdf |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 2 V ~ 12 V                                                                                                                                                                                                       |
| VOLTAGE - SUPPLY, DUAL (V±)            | ±2 V ~ 6 V                                                                                                                                                                                                       |
| SWITCH TIME (TON, TOFF) (MAX)          | 200ns, 100ns                                                                                                                                                                                                     |
| SWITCH CIRCUIT                         | -                                                                                                                                                                                                                |
| SUPPLIER DEVICE PACKAGE                | 16-TSSOP                                                                                                                                                                                                         |
| SERIES                                 | -                                                                                                                                                                                                                |
| PACKAGING                              | Tape & Reel (TR)                                                                                                                                                                                                 |
| PACKAGE / CASE                         | 16-TSSOP (0.173", 4.40mm Width)                                                                                                                                                                                  |
| OPERATING TEMPERATURE                  | -40°C ~ 125°C (TA)                                                                                                                                                                                               |
| ON-STATE RESISTANCE (MAX)              | 80 Ohm                                                                                                                                                                                                           |
| NUMBER OF CIRCUITS                     | 1                                                                                                                                                                                                                |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT      | 8:1                                                                                                                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL)       | 1 (Unlimited)                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                                                                                                                       |
| DETAILED DESCRIPTION                   | 1 Circuit IC Switch 8:1 80 Ohm 16-TSSOP                                                                                                                                                                          |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 1nA                                                                                                                                                                                                              |
| CROSSTALK                              | -78dB @ 1MHz                                                                                                                                                                                                     |
| CHARGE INJECTION                       | 0.5pC                                                                                                                                                                                                            |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 1 Ohm                                                                                                                                                                                                            |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 4pF, 18pF                                                                                                                                                                                                        |
| BASE PART NUMBER                       | MAX4581                                                                                                                                                                                                          |
| -3DB BANDWIDTH                         | -                                                                                                                                                                                                                |

Related Tags

|                               |                                 |                                   |
|-------------------------------|---------------------------------|-----------------------------------|
| Maxim Integrated MAX4581AUE+T | MAX4581AUE+T Distributor        | MAX4581AUE+T Supplier             |
| MAX4581AUE+T Price            | MAX4581AUE+T Pictures           | MAX4581AUE+T Image                |
| MAX4581AUE+T PDF Datasheet    | MAX4581AUE+T Download Datasheet | MAX4581AUE+T Datasheet            |
| MAX4581AUE+T Stock            | Buy MAX4581AUE+T                | Buy Maxim Integrated MAX4581AUE+T |
| Maxim Integrated MAX4581AUE+T | Maxim Integrated Supplier       | Maxim Integrated Distributor      |
| Maxim Integrated MAX4581AUE+T |                                 |                                   |

Related Products

|                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                       |
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|  <div>MAX4581AUE+<br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER 8X1 16TSSOP<br/>In stock: 51095 pcs</div> <div>RFQ</div>     |  <div>MAX4581ASE+<br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER 8X1 16SOIC<br/>In stock: 54974 pcs</div> <div>RFQ</div>      |
|  <div>MAX4581ASE+T<br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER 8X1 16SOIC<br/>In stock: 52266 pcs</div> <div>RFQ</div>     |  <div>MAX4581CSE+<br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER 8X1 16SOIC<br/>In stock: 53191 pcs</div> <div>RFQ</div>      |
|  <div>MAX4581CSE+T<br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER 8X1 16SOIC<br/>In stock: 88869 pcs</div> <div>RFQ</div>     |  <div>MAX4580EPE<br/>Manufacturers: Maxim Integrated<br/>Description: IC SW DUAL ANLG CMOS SPST 16-DIP<br/>In stock: 3479 pcs</div> <div>RFQ</div> |
|  <div>MAX4580EAE+T<br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH DUAL SPST 16SSOP<br/>In stock: 17885 pcs</div> <div>RFQ</div>    |  <div>MAX4581CPE<br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER 8X1 16DIP<br/>In stock: 3546 pcs</div> <div>RFQ</div>         |
|  <div>MAX4581CPE+<br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER 8X1 16DIP<br/>In stock: 30265 pcs</div> <div>RFQ</div>       |  <div>MAX4581CEE+<br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER 8X1 16QSOP<br/>In stock: 58331 pcs</div> <div>RFQ</div>      |
|  <div>MAX4580EWE<br/>Manufacturers: Maxim Integrated<br/>Description: IC SW DUAL ANLG CMOS SPST 16SOIC<br/>In stock: 6143 pcs</div> <div>RFQ</div> |  <div>MAX4581CEE+T<br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER 8X1 16QSOP<br/>In stock: 100941 pcs</div> <div>RFQ</div>    |