



Maxim Integrated



Image may be representation. See specifications for product details.

MAX312LCUE+

|                     |                                                                                       |
|---------------------|---------------------------------------------------------------------------------------|
| Part Number:        | MAX312LCUE+                                                                           |
| Manufacturer/Brand: | Maxim Integrated                                                                      |
| Product description | IC SWITCH QUAD SPST 16TSSOP                                                           |
| Datasheets:         | <div><div>PDF</div>1.MAX312LCUE+.pdf</div> <div><div>PDF</div>2.MAX312LCUE+.pdf</div> |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                  |
| Stock Condition     | 15744 pcs stock                                                                       |
| Ship From           | Hong Kong                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                 |

REQUEST FOR QUOTATION

Specifications of MAX312LCUE+

|                                        |                                                                                       |
|----------------------------------------|---------------------------------------------------------------------------------------|
| PART NUMBER                            | MAX312LCUE+                                                                           |
| MANUFACTURER                           | Maxim Integrated                                                                      |
| DESCRIPTION                            | IC SWITCH QUAD SPST 16TSSOP                                                           |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                            |
| QUANTITY AVAILABLE                     | 15744 pcs                                                                             |
| DATA SHEET                             | <div><div>PDF</div>1.MAX312LCUE+.pdf</div> <div><div>PDF</div>2.MAX312LCUE+.pdf</div> |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 4.5 V ~ 36 V                                                                          |
| VOLTAGE - SUPPLY, DUAL (V±)            | ±4.5 V ~ 20 V                                                                         |
| SWITCH TIME (TON, TOFF) (MAX)          | 225ns, 185ns                                                                          |
| SWITCH CIRCUIT                         | SPST - NC                                                                             |
| SUPPLIER DEVICE PACKAGE                | 16-TSSOP                                                                              |
| SERIES                                 | -                                                                                     |
| PACKAGING                              | Tube                                                                                  |
| PACKAGE / CASE                         | 16-TSSOP (0.173", 4.40mm Width)                                                       |
| OPERATING TEMPERATURE                  | 0°C ~ 70°C (TA)                                                                       |
| ON-STATE RESISTANCE (MAX)              | 10 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 10 Ohm 16-TSSOP                                               |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 500pA                                                                                 |
| CROSSTALK                              | -85dB @ 1MHz                                                                          |
| CHARGE INJECTION                       | 20pC                                                                                  |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 300 mOhm                                                                              |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 15pF, 15pF                                                                            |
| BASE PART NUMBER                       | MAX312                                                                                |
| -3DB BANDWIDTH                         | -                                                                                     |

Related Tags

|                              |                                |                                  |
|------------------------------|--------------------------------|----------------------------------|
| Maxim Integrated MAX312LCUE+ | MAX312LCUE+ Distributor        | MAX312LCUE+ Supplier             |
| MAX312LCUE+ Price            | MAX312LCUE+ Pictures           | MAX312LCUE+ Image                |
| MAX312LCUE+ PDF Datasheet    | MAX312LCUE+ Download Datasheet | MAX312LCUE+ Datasheet            |
| MAX312LCUE+ Stock            | Buy MAX312LCUE+                | Buy Maxim Integrated MAX312LCUE+ |
| Maxim Integrated MAX312LCUE+ | Maxim Integrated Supplier      | Maxim Integrated Distributor     |
| Maxim Integrated MAX312LCUE+ |                                |                                  |

Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MAX312LCSE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 20100 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MAX312LESE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 27319 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>MAX3130CAI</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC TXRX RS2332 IRDA IR 28-SSOP<br/>In stock: 5161 pcs</div> <div>RFQ</div> | <div></div> <div><b>MAX312LESE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 18130 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>MAX312LCSE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 26193 pcs</div> <div>RFQ</div>  | <div></div> <div><b>MAX312LCUE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 30543 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MAX312FESE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 11619 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MAX312LEUE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 14655 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>MAX312LCPE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16DIP<br/>In stock: 4691 pcs</div> <div>RFQ</div>     | <div></div> <div><b>MAX312FESE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16SOIC<br/>In stock: 17493 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>MAX312EUE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 14251 pcs</div> <div>RFQ</div>  | <div></div> <div><b>MAX312LEUE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH QUAD SPST 16TSSOP<br/>In stock: 3112 pcs</div> <div>RFQ</div>  |