



Maxim Integrated



Image may be representation. See specifications for product details.

MAX306EWI+T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MAX306EWI+T                                                                                                  |
| Manufacturer/Brand: | Maxim Integrated                                                                                             |
| Product description | IC MULTIPLEXER 16X1 28SOIC                                                                                   |
|                     |  1.MAX306EWI+T.pdf          |
|                     |  2.MAX306EWI+T.pdf          |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         | 15052 pcs stock                                                                                              |
| Stock Condition     | Hong Kong                                                                                                    |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                        |
| Shipment Way        |                                                                                                              |

REQUEST FOR QUOTATION

Specifications of MAX306EWI+T

|                                        |                                                                                                                                                                                                                |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | MAX306EWI+T                                                                                                                                                                                                    |
| MANUFACTURER                           | Maxim Integrated                                                                                                                                                                                               |
| DESCRIPTION                            | IC MULTIPLEXER 16X1 28SOIC                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                                                                                                                     |
| QUANTITY AVAILABLE                     | 15052 pcs                                                                                                                                                                                                      |
| DATA SHEET                             |  1.MAX306EWI+T.pdf<br> 2.MAX306EWI+T.pdf |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 5 V ~ 30 V                                                                                                                                                                                                     |
| VOLTAGE - SUPPLY, DUAL (V±)            | ±4.5 V ~ 20 V                                                                                                                                                                                                  |
| SWITCH TIME (TON, TOFF) (MAX)          | 200ns, 150ns                                                                                                                                                                                                   |
| SWITCH CIRCUIT                         | -                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE                | 28-SOIC                                                                                                                                                                                                        |
| SERIES                                 | -                                                                                                                                                                                                              |
| PACKAGING                              | Tape & Reel (TR)                                                                                                                                                                                               |
| PACKAGE / CASE                         | 28-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                 |
| OTHER NAMES                            | MAX306EWI+T-ND<br>MAX306EWI+TR                                                                                                                                                                                 |
| OPERATING TEMPERATURE                  | -40°C ~ 85°C (TA)                                                                                                                                                                                              |
| ON-STATE RESISTANCE (MAX)              | 100 Ohm                                                                                                                                                                                                        |
| NUMBER OF CIRCUITS                     | 1                                                                                                                                                                                                              |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT      | 16:1                                                                                                                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL)       | 1 (Unlimited)                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                                                                                                                                                     |
| DETAILED DESCRIPTION                   | 1 Circuit IC Switch 16:1 100 Ohm 28-SOIC                                                                                                                                                                       |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 500pA                                                                                                                                                                                                          |
| CROSSTALK                              | -92dB @ 100kHz                                                                                                                                                                                                 |
| CHARGE INJECTION                       | 2pC                                                                                                                                                                                                            |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 1.5 Ohm                                                                                                                                                                                                        |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 8pF, 130pF                                                                                                                                                                                                     |
| BASE PART NUMBER                       | MAX306                                                                                                                                                                                                         |
| -3DB BANDWIDTH                         | -                                                                                                                                                                                                              |

Related Tags

|                              |                                |                                  |
|------------------------------|--------------------------------|----------------------------------|
| Maxim Integrated MAX306EWI+T | MAX306EWI+T Distributor        | MAX306EWI+T Supplier             |
| MAX306EWI+T Price            | MAX306EWI+T Pictures           | MAX306EWI+T Image                |
| MAX306EWI+T PDF Datasheet    | MAX306EWI+T Download Datasheet | MAX306EWI+T Datasheet            |
| MAX306EWI+T Stock            | Buy MAX306EWI+T                | Buy Maxim Integrated MAX306EWI+T |
| Maxim Integrated MAX306EWI+T | Maxim Integrated Supplier      | Maxim Integrated Distributor     |
| Maxim Integrated MAX306EWI+T |                                |                                  |

Related Products

|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>MAX3070EASD+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC TXRX RS485/422 14-SOIC<br/>In stock: 22157 pcs</div><div>RFQ</div></div>  | <div><div><b>MAX3070EAPD+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC TXRX RS485/422 14-DIP<br/>In stock: 22959 pcs</div><div>RFQ</div></div>    |
| <div><div><b>MAX306EQI+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER 16X1 28PLCC<br/>In stock: 6352 pcs</div><div>RFQ</div></div>    | <div><div><b>MAX306EQI+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER 16X1 28PLCC<br/>In stock: 13201 pcs</div><div>RFQ</div></div>   |
| <div><div><b>MAX306EUI+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER 16X1 28TSSOP<br/>In stock: 13151 pcs</div><div>RFQ</div></div> | <div><div><b>MAX306EUI+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER 16X1 28TSSOP<br/>In stock: 7100 pcs</div><div>RFQ</div></div>    |
| <div><div><b>MAX306EQI</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER 16X1 28PLCC<br/>In stock: 3711 pcs</div><div>RFQ</div></div>     | <div><div><b>MAX3070EASD+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC TX RS485/422 HS 14-SOIC<br/>In stock: 28982 pcs</div><div>RFQ</div></div> |
| <div><div><b>MAX3070EESD+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC TXRX RS485/422 14-SOIC<br/>In stock: 23159 pcs</div><div>RFQ</div></div>  | <div><div><b>MAX306EWI+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER 16X1 28SOIC<br/>In stock: 11033 pcs</div><div>RFQ</div></div>    |
| <div><div><b>MAX3070EAPD+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC TXRX RS485/422 14-DIP<br/>In stock: 18748 pcs</div><div>RFQ</div></div>   | <div><div><b>MAX3070EEPDP</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC TXRX RS485/422 14-DIP<br/>In stock: 5438 pcs</div><div>RFQ</div></div>     |