



Maxim Integrated



Image may be representation. See specifications for product details.

MAX318CPA

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MAX318CPA                                                                                                            |
| Manufacturer/Brand: | Maxim Integrated                                                                                                     |
| Product description | IC SWITCH SPST 8DIP                                                                                                  |
|                     |  1.MAX318CPA.pdf                    |
|                     |  2.MAX318CPA.pdf                    |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 3693 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of MAX318CPA

|                                        |                                                                                                                                                                                                            |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                            | MAX318CPA                                                                                                                                                                                                  |
| MANUFACTURER                           | Maxim Integrated                                                                                                                                                                                           |
| DESCRIPTION                            | IC SWITCH SPST 8DIP                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS         | Contains lead / RoHS non-compliant                                                                                                                                                                         |
| QUANTITY AVAILABLE                     | 3693 pcs                                                                                                                                                                                                   |
| DATA SHEET                             |  1.MAX318CPA.pdf<br> 2.MAX318CPA.pdf |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 10 V ~ 30 V                                                                                                                                                                                                |
| VOLTAGE - SUPPLY, DUAL (V±)            | ±4.5 V ~ 20 V                                                                                                                                                                                              |
| SWITCH TIME (TON, TOFF) (MAX)          | 175ns, 145ns                                                                                                                                                                                               |
| SWITCH CIRCUIT                         | SPST - NO                                                                                                                                                                                                  |
| SUPPLIER DEVICE PACKAGE                | 8-PDIP                                                                                                                                                                                                     |
| SERIES                                 | -                                                                                                                                                                                                          |
| PACKAGING                              | Tube                                                                                                                                                                                                       |
| PACKAGE / CASE                         | 8-DIP (0.300", 7.62mm)                                                                                                                                                                                     |
| OPERATING TEMPERATURE                  | 0°C ~ 70°C (TA)                                                                                                                                                                                            |
| ON-STATE RESISTANCE (MAX)              | 35 Ohm                                                                                                                                                                                                     |
| NUMBER OF CIRCUITS                     | 1                                                                                                                                                                                                          |
| MULTIPLEXER/DEMULTIPLEXER CIRCUIT      | 1:1                                                                                                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL)       | 1 (Unlimited)                                                                                                                                                                                              |
| LEAD FREE STATUS / ROHS STATUS         | Contains lead / RoHS non-compliant                                                                                                                                                                         |
| DETAILED DESCRIPTION                   | 1 Circuit IC Switch 1:1 35 Ohm 8-PDIP                                                                                                                                                                      |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 250pA                                                                                                                                                                                                      |
| CROSSTALK                              | -85dB @ 1MHz                                                                                                                                                                                               |
| CHARGE INJECTION                       | 3pC                                                                                                                                                                                                        |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 2 Ohm (Max)                                                                                                                                                                                                |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 8pF, 8pF                                                                                                                                                                                                   |
| BASE PART NUMBER                       | MAX318                                                                                                                                                                                                     |
| -3DB BANDWIDTH                         | -                                                                                                                                                                                                          |

Related Tags

|                            |                              |                                |
|----------------------------|------------------------------|--------------------------------|
| Maxim Integrated MAX318CPA | MAX318CPA Distributor        | MAX318CPA Supplier             |
| MAX318CPA Price            | MAX318CPA Pictures           | MAX318CPA Image                |
| MAX318CPA PDF Datasheet    | MAX318CPA Download Datasheet | MAX318CPA Datasheet            |
| MAX318CPA Stock            | Buy MAX318CPA                | Buy Maxim Integrated MAX318CPA |
| Maxim Integrated MAX318CPA | Maxim Integrated Supplier    | Maxim Integrated Distributor   |
| Maxim Integrated MAX318CPA |                              |                                |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MAX3189EEUT-T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC TX RS232 1MBPS 1UA SOT23-6<br/>In stock: 4411 pcs</div> <div>RFQ</div>        | <div></div> <div><b>MAX318CSA+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH SPST 8SOIC<br/>In stock: 36539 pcs</div> <div>RFQ</div>           |
| <div></div> <div><b>MAX3189EEUT+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC RS-232 TRANSMITTER SOT23-6<br/>In stock: 2811 pcs</div> <div>RFQ</div>        | <div></div> <div><b>MAX318CSA+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH SPST 8SOIC<br/>In stock: 21482 pcs</div> <div>RFQ</div>            |
| <div></div> <div><b>MAX318CPA+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH SPST 8DIP<br/>In stock: 17211 pcs</div> <div>RFQ</div>                    | <div></div> <div><b>MAX3188EUT-T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC TX RS232 1MBPS 1UA SOT23-6<br/>In stock: 6913 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>MAX318CSA</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH SPST 8SOIC<br/>In stock: 4643 pcs</div> <div>RFQ</div>                     | <div></div> <div><b>MAX318ESA</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH SPST 8SOIC<br/>In stock: 3363 pcs</div> <div>RFQ</div>              |
| <div></div> <div><b>MAX3188EEUT/GH9-T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC TRANSMITTER 1MBPS RS-232 SOT2<br/>In stock: 6031 pcs</div> <div>RFQ</div> | <div></div> <div><b>MAX3188EEUT-T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC TX RS232 1MBPS 1UA SOT23-6<br/>In stock: 3685 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>MAX3189EUT-T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC TX RS232 1MBPS 1UA SOT23-6<br/>In stock: 6178 pcs</div> <div>RFQ</div>         | <div></div> <div><b>MAX318EPA</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SW ANLG CMOS SPST N/C 8-DIP<br/>In stock: 3225 pcs</div> <div>RFQ</div>    |