



Maxim Integrated



Image may be representation. See specifications for product details.

MAX381CPE+

|                     |                                                                                     |
|---------------------|-------------------------------------------------------------------------------------|
| Part Number:        | MAX381CPE+                                                                          |
| Manufacturer/Brand: | Maxim Integrated                                                                    |
| Product description | IC SWITCH SPST 16DIP                                                                |
| Datasheets:         | <div><div>PDF</div>1.MAX381CPE+.pdf</div> <div><div>PDF</div>2.MAX381CPE+.pdf</div> |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                                |
| Stock Condition     | 5581 pcs stock                                                                      |
| Ship From           | Hong Kong                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                               |

REQUEST FOR QUOTATION

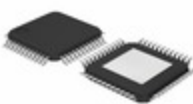
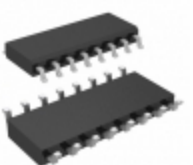
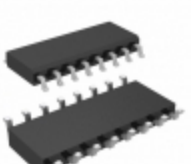
Specifications of MAX381CPE+

|                                        |                                                                                     |
|----------------------------------------|-------------------------------------------------------------------------------------|
| PART NUMBER                            | MAX381CPE+                                                                          |
| MANUFACTURER                           | Maxim Integrated                                                                    |
| DESCRIPTION                            | IC SWITCH SPST 16DIP                                                                |
| LEAD FREE STATUS / ROHS STATUS         | Lead free / RoHS Compliant                                                          |
| QUANTITY AVAILABLE                     | 5581 pcs                                                                            |
| DATA SHEET                             | <div><div>PDF</div>1.MAX381CPE+.pdf</div> <div><div>PDF</div>2.MAX381CPE+.pdf</div> |
| VOLTAGE - SUPPLY, SINGLE (V+)          | 3 V ~ 15 V                                                                          |
| VOLTAGE - SUPPLY, DUAL (V±)            | ±3 V ~ 8 V                                                                          |
| SWITCH TIME (TON, TOFF) (MAX)          | 175ns, 100ns                                                                        |
| SWITCH CIRCUIT                         | SPST - NO                                                                           |
| SUPPLIER DEVICE PACKAGE                | 16-PDIP                                                                             |
| SERIES                                 | -                                                                                   |
| PACKAGING                              | Tube                                                                                |
| PACKAGE / CASE                         | 16-DIP (0.300", 7.62mm)                                                             |
| OPERATING TEMPERATURE                  | 0°C ~ 70°C (TA)                                                                     |
| ON-STATE RESISTANCE (MAX)              | 35 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 35 Ohm 16-PDIP                                              |
| CURRENT - LEAKAGE (IS(OFF)) (MAX)      | 200pA                                                                               |
| CROSSTALK                              | -90dB @ 1MHz                                                                        |
| CHARGE INJECTION                       | 2pC                                                                                 |
| CHANNEL-TO-CHANNEL MATCHING (ΔRON)     | 500 mOhm                                                                            |
| CHANNEL CAPACITANCE (CS(OFF), CD(OFF)) | 12pF, 12pF                                                                          |
| BASE PART NUMBER                       | MAX381                                                                              |
| -3DB BANDWIDTH                         | -                                                                                   |

Related Tags

|                             |                               |                                 |
|-----------------------------|-------------------------------|---------------------------------|
| Maxim Integrated MAX381CPE+ | MAX381CPE+ Distributor        | MAX381CPE+ Supplier             |
| MAX381CPE+ Price            | MAX381CPE+ Pictures           | MAX381CPE+ Image                |
| MAX381CPE+ PDF Datasheet    | MAX381CPE+ Download Datasheet | MAX381CPE+ Datasheet            |
| MAX381CPE+ Stock            | Buy MAX381CPE+                | Buy Maxim Integrated MAX381CPE+ |
| Maxim Integrated MAX381CPE+ | Maxim Integrated Supplier     | Maxim Integrated Distributor    |
| Maxim Integrated MAX381CPE+ |                               |                                 |

Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MAX382CWN</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER 8X1 18SOIC<br/>In stock: 5903 pcs</div> <div>RFQ</div>       | <div></div> <div><b>MAX3822UCM+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC AMP LIMIT QUAD 48TQFP<br/>In stock: 5978 pcs</div> <div>RFQ</div>          |
| <div></div> <div><b>MAX3815HDMIEVKIT+</b><br/>Manufacturers: Maxim Integrated<br/>Description: EV KIT MAX3815<br/>In stock: 5279 pcs</div> <div>RFQ</div>          | <div></div> <div><b>MAX3816CUE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC I2C 2WIRE EXTENDER DDC-DVI<br/>In stock: 3246 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>MAX3822UCM+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC AMP LIMIT QUAD 48TQFP<br/>In stock: 3002 pcs</div> <div>RFQ</div>     | <div></div> <div><b>MAX381CSE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH SPST 16SOIC<br/>In stock: 4283 pcs</div> <div>RFQ</div>              |
| <div></div> <div><b>MAX381CSE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SWITCH SPST 16SOIC<br/>In stock: 5817 pcs</div> <div>RFQ</div>         | <div></div> <div><b>MAX3816ACUE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC I2C 2WIRE EXTENDER 16-TSSOP<br/>In stock: 24241 pcs</div> <div>RFQ</div>  |
| <div></div> <div><b>MAX3816CUE+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC I2C 2WIRE EXTENDER DDC-DVI<br/>In stock: 4391 pcs</div> <div>RFQ</div> | <div></div> <div><b>MAX382CPN</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MULTIPLEXER 8X1 18DIP<br/>In stock: 4060 pcs</div> <div>RFQ</div>            |
| <div></div> <div><b>MAX381CPE</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC SW ANLG PREC LV SPST 16DIP<br/>In stock: 6247 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MAX3816ACUE+T</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC I2C 2WIRE EXTENDER 16-TSSOP<br/>In stock: 16668 pcs</div> <div>RFQ</div> |