

MAX5981BETE+



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Part Number:

MAX5981BETE+

Manufacturer:

Maxim Integrated

Description:

IC CTRLR PD IEEE 802.3AF 16TQFN

Data sheet:

MAX5981A,B

Part Numbering System

RoHs Status:

Lead free / RoHS Compliant

Ship From:

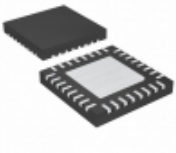
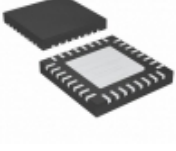
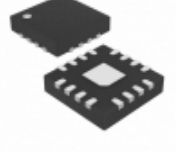
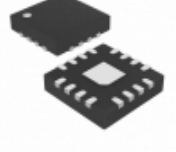
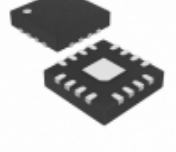
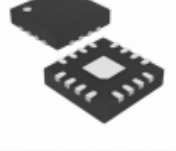
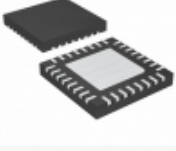
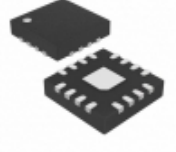
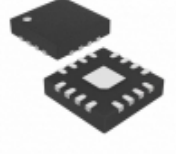
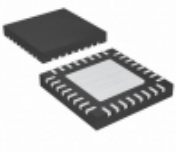
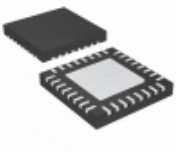
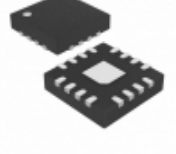
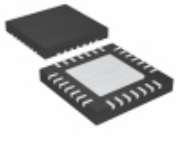
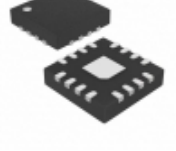
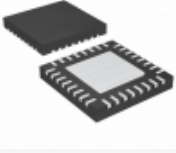
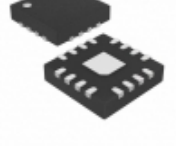
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                      |                                  |                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------|-------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                 | MAX5981BETE+                                                                         | Manufacturer                     | Maxim Integrated                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                 | IC CTRLR PD IEEE 802.3AF 16TQFN                                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                          | 29708 pcs                                                                            | Data sheet                       | MAX5981A,B<br>Part Numbering System |
| Category                                                                                                                                                                                                                                                                                                                                                                                                    | Integrated Circuits (ICs)                                                            | Voltage - Supply                 | 36.6 V ~ 60 V                       |
| Type                                                                                                                                                                                                                                                                                                                                                                                                        | Controller (PD)                                                                      | Supplier Device Package          | 16-TQFN (5x5)                       |
| Standards                                                                                                                                                                                                                                                                                                                                                                                                   | 802.3at (PoE+), 802.3af (PoE)                                                        | Series                           | -                                   |
| Power - Max                                                                                                                                                                                                                                                                                                                                                                                                 | 25.5W                                                                                | Packaging                        | Tube                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                              | 16-WQFN Exposed Pad                                                                  | Operating Temperature            | -40°C ~ 85°C                        |
| Number of Channels                                                                                                                                                                                                                                                                                                                                                                                          | 1                                                                                    | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                       |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant                                                           | Internal Switch(s)               | Yes                                 |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                        | Power Over Ethernet Controller 1 Channel 802.3at (PoE+), 802.3af (PoE) 16-TQFN (5x5) | Current - Supply                 | 270µA                               |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                            | MAX5981                                                                              | Auxiliary Sense                  | Yes                                 |
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| RELATED PRODUCTS                                                                   |                                                                      |                                 |     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------|-----|
|  | Part#: MAX5980EVKIT#<br>Description: EVAL KIT MAX5980                | Manufacturers: Maxim Integrated | RFQ |
|  | Part#: MAX5980GTJ+<br>Description: IC CTRLR PD IEEE 802.3AF 32TQFN   | Manufacturers: Maxim Integrated | RFQ |
|  | Part#: MAX5978ETJ+T<br>Description: IC CTRL HOT-SWAP 32TQFN          | Manufacturers: Maxim Integrated | RFQ |
|  | Part#: MAX5981AETE+<br>Description: IC CTRLR PD IEEE 802.3AF 16TQFN  | Manufacturers: Maxim Integrated | RFQ |
|  | Part#: MAX5982BETE+T<br>Description: IC CTRLR PD IEEE 802.3AF 16TQFN | Manufacturers: Maxim Integrated | RFQ |
|  | Part#: MAX5981AEVKIT#<br>Description: KIT EVAL INTERFACE CONTROLLER  | Manufacturers: Maxim Integrated | RFQ |
|  | Part#: MAX5982AETE+<br>Description: IC CTRLR PD IEEE 802.3AF 16TQFN  | Manufacturers: Maxim Integrated | RFQ |
|  | Part#: MAX5981AETE+T<br>Description: IC CTRLR PD IEEE 802.3AF 16TQFN | Manufacturers: Maxim Integrated | RFQ |
|  | Part#: MAX5982CEVKIT#<br>Description: EVAL KIT MAX5982C              | Manufacturers: Maxim Integrated | RFQ |
|  | Part#: MAX5980GTJ+T<br>Description: IC CTRLR PD IEEE 802.3AF 32TQFN  | Manufacturers: Maxim Integrated | RFQ |
|  | Part#: MAX5982CETE+<br>Description: IC CTRLR PD IEEE 802.3AF 16TQFN  | Manufacturers: Maxim Integrated | RFQ |
|  | Part#: MAX5981BETE+T<br>Description: IC CTRLR PD IEEE 802.3AF 16TQFN | Manufacturers: Maxim Integrated | RFQ |
|  | Part#: MAX5980AGTJ+<br>Description: IC CTRLR PD IEEE 802.3AF 32TQFN  | Manufacturers: Maxim Integrated | RFQ |
|  | Part#: MAX5978ETJ+<br>Description: IC CTRL HOT-SWAP 32TQFN           | Manufacturers: Maxim Integrated | RFQ |
|  | Part#: MAX5982BETE+<br>Description: IC CTRLR PD IEEE 802.3AF 16TQFN  | Manufacturers: Maxim Integrated | RFQ |
|  | Part#: MAX5984AETI+<br>Description: IC CTRLR PD IEEE W/MOSFT 28TQFN  | Manufacturers: Maxim Integrated | RFQ |
|  | Part#: MAX5982AETE+T<br>Description: IC CTRLR PD IEEE 802.3AF 16TQFN | Manufacturers: Maxim Integrated | RFQ |
|  | Part#: MAX5980AGTJ+T<br>Description: IC CTRLR PD IEEE 802.3AF 32TQFN | Manufacturers: Maxim Integrated | RFQ |
|  | Part#: MAX5982CETE+T<br>Description: IC CTRLR PD IEEE 802.3AF 16TQFN | Manufacturers: Maxim Integrated | RFQ |
|  | Part#: MAX5982AEVKIT#<br>Description: KIT EVAL FOR MAX5982A          | Manufacturers: Maxim Integrated | RFQ |

| Related keywords for MAX5981BETE+ |                          |                       |                    |
|-----------------------------------|--------------------------|-----------------------|--------------------|
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| Maxim Integrated MAX5981BETE+     |                          |                       |                    |