



Image may be representation.  
See specifications for product details.



## MAX629ESA+

|                          |                               |
|--------------------------|-------------------------------|
| Manufacturer Part Number | <b>MAX629ESA+</b>             |
| Manufacturer             | <b>Maxim Integrated</b>       |
| Allelco Part Number      | 32D-MAX629ESA+                |
| ECAD Model               | Request Free CAD Models       |
| Parts Description        | IC REG MULTI CONFIG ADJ 8SOIC |
| Package                  | 8-SOIC (0.154", 3.90mm Width) |
| Data sheet               | <b>MAX629.pdf</b>             |
|                          | <b>MAX629.pdf</b>             |
| RoHs Status              | <b>ROHS3 Compliant</b>        |

**Get a Quote**

MAX629ESA+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX629ESA+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX629ESA+, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX629ESA+ Tech Specifications

MAX629ESA+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

| Product Attribute            | Attribute Value               | Product Attribute     | Attribute Value            |
|------------------------------|-------------------------------|-----------------------|----------------------------|
| Manufacturer                 | Maxim Integrated              | Package               | Tube                       |
| Voltage - Output (Min/Fixed) | ±0.8V                         | Output Type           | Adjustable                 |
| Voltage - Output (Max)       | ±28V                          | Output Configuration  | Positive or Negative       |
| Voltage - Input (Min)        | 0.8V                          | Operating Temperature | -40°C ~ 85°C (TA)          |
| Voltage - Input (Max)        | 28V                           | Number of Outputs     | 1                          |
| Topology                     | Boost, Flyback, SEPIC         | Mounting Type         | Surface Mount              |
| Synchronous Rectifier        | No                            | Function              | Step-Up, Step-Up/Step-Down |
| Supplier Device Package      | 8-SOIC                        | Frequency - Switching | 300kHz                     |
| Series                       | -                             | Current - Output      | 500mA                      |
| Package / Case               | 8-SOIC (0.154", 3.90mm Width) | Base Product Number   | MAX629                     |

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX629ESA+

| Product Attribute            |                                      |                                      |                                      |                                      |
|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Part Number                  | MAX629ESA+                           | MAX629ESA+T                          | MAX629ESA                            | MAX628CPA                            |
| Manufacturer                 | Analog Devices Inc./Maxim Integrated | Analog Devices Inc./Maxim Integrated | Analog Devices Inc./Maxim Integrated | Analog Devices Inc./Maxim Integrated |
| Voltage - Output (Min/Fixed) | ±0.8V                                | ±0.8V                                | ±0.8V                                | -                                    |
| Topology                     | Boost, Flyback, SEPIC                | Boost, Flyback, SEPIC                | Boost, Flyback, SEPIC                | -                                    |
| Output Type                  | Adjustable                           | Adjustable                           | Adjustable                           | -                                    |
| Voltage - Output (Max)       | ±28V                                 | ±28V                                 | ±28V                                 | -                                    |
| Voltage - Input (Max)        | 28V                                  | 28V                                  | 28V                                  | -                                    |
| Package                      | Tube                                 | Tape & Reel (TR)                     | Tube                                 | Tube                                 |
| Package / Case               | 8-SOIC (0.154", 3.90mm Width)        | 8-SOIC (0.154", 3.90mm Width)        | 8-SOIC (0.154", 3.90mm Width)        | 8-DIP (0.300", 7.62mm)               |
| Mounting Type                | Surface Mount                        | Surface Mount                        | Surface Mount                        | Through Hole                         |
| Supplier Device Package      | 8-SOIC                               | 8-SOIC                               | 8-SOIC                               | 8-PDIP                               |
| Series                       | -                                    | -                                    | -                                    | -                                    |
| Current - Output             | 500mA                                | 500mA                                | 500mA                                | -                                    |
| Output Configuration         | Positive or Negative                 | Positive or Negative                 | Positive or Negative                 | -                                    |
| Frequency - Switching        | 300kHz                               | 300kHz                               | 300kHz                               | -                                    |
| Synchronous Rectifier        | No                                   | No                                   | No                                   | -                                    |
| Operating Temperature        | -40°C ~ 85°C (TA)                    | -40°C ~ 85°C (TA)                    | -40°C ~ 85°C (TA)                    | 0°C ~ 70°C (TA)                      |
| Voltage - Input (Min)        | 0.8V                                 | 0.8V                                 | 0.8V                                 | -                                    |
| Number of Outputs            | 1                                    | 1                                    | 1                                    | -                                    |
| Base Product Number          | MAX629                               | MAX629                               | MAX629                               | MAX628                               |
| Function                     | Step-Up, Step-Up/Step-Down           | Step-Up, Step-Up/Step-Down           | Step-Up, Step-Up/Step-Down           | -                                    |

## MAX629ESA+ Datasheet PDF

Download MAX629ESA+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX629ESA+ - Analog Devices Inc./Maxim Integrated.

### Datasheets

[MAX629.pdf](#)

### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)



















### Part Numbering Guide

## Application Notes

## HTML Datasheet

## Customers Also Interested in

### Recommended Products

|   |  |  |   |   |  |
|---|--|--|---|---|--|
|          |             |             |         |          |         |
| <b>MAX628CPA</b><br>Analog Devices Inc./Maxim Integrated<br>IC GATE DRVR LOW-SIDE 8DIP    | <b>MAX628CSA</b><br>Analog Devices Inc./Maxim Integrated<br>IC GATE DRVR LOW-SIDE 8SOIC      | <b>MAX628ESA</b><br>Analog Devices Inc./Maxim Integrated<br>IC GATE DRVR LOW-SIDE 8SOIC      | <b>MAX628EPA</b><br>Analog Devices Inc./Maxim Integrated<br>IC GATE DRVR LOW-SIDE 8DIP    | <b>MAX6301CUA</b><br>Analog Devices Inc./Maxim Integrated<br>IC SUPERVISOR 1 CHANNEL 8UMAX  | <b>MAX6301EPA</b><br>Analog Devices Inc./Maxim Integrated<br>IC SUPERVISOR 1 CHANNEL 8DIP  |
|         |            |            |        |         |        |
| <b>MAX628ESA+T</b><br>Analog Devices Inc./Maxim Integrated<br>IC GATE DRVR LOW-SIDE 8SOIC | <b>MAX6301CUA+T</b><br>Analog Devices Inc./Maxim Integrated<br>IC SUPERVISOR 1 CHANNEL 8UMAX | <b>MAX6301CSA+T</b><br>Analog Devices Inc./Maxim Integrated<br>IC SUPERVISOR 1 CHANNEL 8SOIC | <b>MAX6301CPA</b><br>Analog Devices Inc./Maxim Integrated<br>IC SUPERVISOR 1 CHANNEL 8DIP | <b>MAX6301CSA+</b><br>Analog Devices Inc./Maxim Integrated<br>IC SUPERVISOR 1 CHANNEL 8SOIC | <b>MAX6301CSA</b><br>Analog Devices Inc./Maxim Integrated<br>IC SUPERVISOR 1 CHANNEL 8SOIC |
|        |           |           |       |        |       |
| <b>MAX628ESA+</b><br>Analog Devices Inc./Maxim Integrated<br>IC GATE DRVR LOW-SIDE 8SOIC  | <b>MAX6301CUA+</b><br>Analog Devices Inc./Maxim Integrated<br>IC SUPERVISOR 1 CHANNEL 8UMAX  | <b>MAX629ESA+T</b><br>Analog Devices Inc./Maxim Integrated<br>IC REG MULTI CONFG ADJ 8SOIC   | <b>MAX628CSA+T</b><br>Analog Devices Inc./Maxim Integrated<br>IC GATE DRVR LOW-SIDE 8SOIC | <b>MAX628CSA-T</b><br>Analog Devices / Maxim Integrated                                     | <b>MAX629ESA</b><br>Analog Devices Inc./Maxim Integrated<br>IC REG MULTI CONFG ADJ 8SOIC   |

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

- > Use your express account for shipment if you have one.
  - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

### Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

| Common Countries Logistic Time Reference |                |                    |
|--|----------------|--------------------|
| Region                                   | Country        | Logistic Time(Day) |
| America                                  | United States  | 5                  |
|  | Brazil         | 7                  |
| Europe                                   | Germany        | 5                  |
|  | United Kingdom | 4                  |
|  | Italy          | 5                  |
| Oceania                                  | Australia      | 6                  |
|  | New Zealand    | 7                  |
| Asia                                     | India          | 6                  |
|  | Japan          | 7                  |
| Middle East                              | Israel         | 6                  |

| DHL & FedEx Shipment Charges Reference |                      |
|--|----------------------|
| Shipment charges(KG)                   | Reference DHL(USD\$) |
| 0.00kg-1.00kg                          | USD\$60.00           |
| 1.00kg-2.00kg                          | USD\$70.00           |
| 2.00kg-3.00kg                          | USD\$80.00           |




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### Payment Support

The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone  
+00852 9146 4856
-  Email  
info@allelco.com

### Certifications & Memberships



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