



Image may be representation.
See specifications for product details.



MAX745EAP

| | |
|--------------------------|----------------------------------|
| Manufacturer Part Number | MAX745EAP |
| Manufacturer | Maxim Integrated |
| Allelco Part Number | 32D-MAX745EAP |
| ECAD Model | PCB Symbol, Footprint & 3D Mode |
| Parts Description | IC BATT CHG LI-ION 1-4CEL 20SSOP |
| Package | 20-SSOP (0.209", 5.30mm Width) |
| Data sheet | MAX745.pdf |

Get a Quote

MAX745EAP - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX745EAP datasheet/specifications on AllelcoElec.com.
Request a quote for MAX745EAP, please send us email: info@allelco.com

Specifications

MAX745EAP Tech Specifications
MAX745EAP - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-------------------------|--------------------------------|----------------------|-------------------------|
| Manufacturer | Maxim Integrated | Mounting Type | Surface Mount |
| Voltage - Supply (Max) | 24V | Interface | - |
| Supplier Device Package | 20-SSOP | Fault Protection | - |
| Series | - | Current - Charging | Constant - Programmable |
| Programmable Features | - | Charge Current - Max | 4A |
| Package / Case | 20-SSOP (0.209", 5.30mm Width) | Battery Pack Voltage | 18V (Max) |
| Package | Tube | Battery Chemistry | Lithium Ion |
| Operating Temperature | -40°C ~ 85°C (TA) | Base Product Number | MAX745 |
| Number of Cells | 1 ~ 4 | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX745EAP

| Product Attribute | | | | |
|-------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Part Number | MAX745EAP | MAX745EAP+ | MAX745EAP+T | MAX747CSD |
| Manufacturer | Analog Devices Inc./Maxim Integrated | Analog Devices Inc./Maxim Integrated | Analog Devices Inc./Maxim Integrated | Analog Devices Inc./Maxim Integrated |
| Voltage - Supply (Max) | 24V | 24V | 24V | - |
| Battery Chemistry | Lithium Ion | Lithium Ion | Lithium Ion | - |
| Fault Protection | - | - | - | - |
| Supplier Device Package | 20-SSOP | 20-SSOP | 20-SSOP | 14-SOIC |
| Number of Cells | 1 ~ 4 | 1 ~ 4 | 1 ~ 4 | - |
| Charge Current - Max | 4A | 4A | 4A | - |
| Base Product Number | MAX745 | MAX745 | MAX745 | MAX747 |
| Programmable Features | - | - | - | - |
| Series | - | - | - | - |
| Package | Tube | Tube | Tape & Reel (TR) | Bulk |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Battery Pack Voltage | 18V (Max) | 18V (Max) | 18V (Max) | - |
| Current - Charging | Constant - Programmable | Constant - Programmable | Constant - Programmable | - |
| Operating Temperature | -40°C ~ 85°C (TA) | -40°C ~ 85°C (TA) | -40°C ~ 85°C (TA) | 0°C ~ 70°C (TA) |
| Interface | - | - | - | - |
| Package / Case | 20-SSOP (0.209", 5.30mm Width) | 20-SSOP (0.209", 5.30mm Width) | 20-SSOP (0.209", 5.30mm Width) | 14-SOIC (0.154", 3.90mm Width) |

MAX745EAP Datasheet PDF

Download MAX745EAP pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX745EAP - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX745.pdf](#)

Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)

Part Numbering Guide

[Part Numbering System.pdf](#)


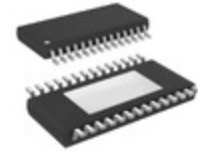
















Application Notes

[New Developments in Battery Chargers.pdf](#)

[Portable Devices Need High-Performance Battery Cha.pdf](#)

Customers Also Interested in

Recommended Products

| | | | | | |
|--|--|--|---|---|---|
|  MAX747CSD Analog Devices Inc./Maxim Integrated PWM, STEP-DOWN DC-DC CONTROLLER |  MAX7456EUI+T Analog Devices Inc./Maxim Integrated IC OSD VIDEO GEN 28TSSOP |  MAX746CSE Analog Devices Inc./Maxim Integrated PWM, STEP-DOWN DC-DC CONTROLLER |  MAX7452ESA+ Analog Devices Inc./Maxim Integrated IC VIDEO CONDITIONER 8SOIC |  MAX744AEWE Analog Devices Inc./Maxim Integrated STEP-DOWN PWM DC-DC CONVERTER |  MAX745EAP+ Analog Devices Inc./Maxim Integrated IC BATT CHG LI-ION 1-4CEL 20SSOP |
|  MAX7450ESA+T Analog Devices Inc./Maxim Integrated IC VIDEO CONDITIONER 8SOIC |  MAX7480EPA Analog Devices Inc./Maxim Integrated LOWPASS, BUTTERWORTH FILTER |  MAX7461EUK Analog Devices / Maxim Integrated |  MAX7452ESA+T Analog Devices Inc./Maxim Integrated IC VIDEO CONDITIONER 8SOIC |  MAX7452ESA Analog Devices / Maxim Integrated |  MAX745EAP+T Analog Devices Inc./Maxim Integrated IC BATT CHG LI-ION 1-4CEL 20SSOP |
|  MAX7456EUI+ Analog Devices Inc./Maxim Integrated IC OSD VIDEO GEN 28TSSOP |  MAX746CPE Analog Devices Inc./Maxim Integrated PWM, STEP-DOWN DC-DC CONTROLLER |  MAX7454UUPAT Analog Devices / Maxim Integrated |  MAX7456EUI Analog Devices / Maxim Integrated |  MAX7454UUP+T Analog Devices Inc./Maxim Integrated IC VIDEO FILTER 20TSSOP |  MAX7461EUK+T Analog Devices Inc./Maxim Integrated IC VID LOSS-OF-SYNC ALARM SOT23 |

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 |

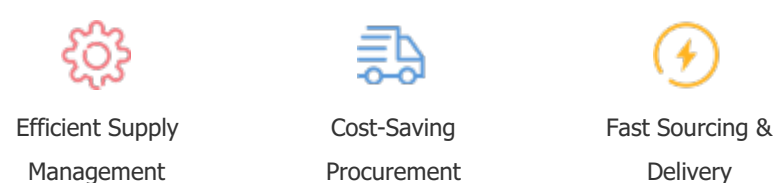
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

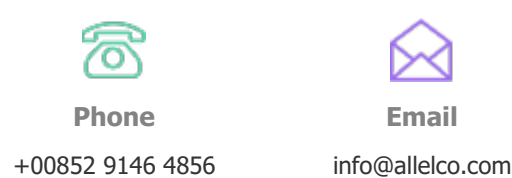
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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