



Image may be representation.
See specifications for product details.



MAX1744EUB+T

Manufacturer Part Number **MAX1744EUB+T**

Manufacturer **Maxim Integrated**

Allelco Part Number **32D-MAX1744EUB+T**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC REG CTRLR BUCK 10UMAX**

Package **10-TFSOP, 10-MSOP (0.118", 3.00mm Width)**

Data sheet **[Cylindrical Battery Holders.pdf](#)**

[MAX1744,45.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

MAX1744EUB+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX1744EUB+T datasheet/specifications on AllelcoElec.com.

Request a quote for MAX1744EUB+T, please send us email: info@allelco.com

Specifications

MAX1744EUB+T Tech Specifications

MAX1744EUB+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Output Configuration	Positive
Voltage - Supply (Vcc/Vdd)	4.5V ~ 36V	Operating Temperature	-40°C ~ 85°C (TA)
Topology	Buck	Number of Outputs	1
Synchronous Rectifier	No	Mounting Type	Surface Mount
Supplier Device Package	10-uMAX/uSOP	Function	Step-Down
Series	-	Frequency - Switching	Up to 330kHz
Serial Interfaces	-	Duty Cycle (Max)	100%
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Control Features	Enable
Package	Tape & Reel (TR)	Clock Sync	No
Output Type	Transistor Driver	Base Product Number	MAX1744
Output Phases	1		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX1744EUB+T

Product Attribute				
Part Number	MAX1744EUB+T	MAX1744EUB/V+T	MAX1745AUB+T	MAX1744EUB/V+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Clock Sync	No	No	No	No
Serial Interfaces	-	-	-	-
Number of Outputs	1	1	1	1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Vcc/Vdd)	4.5V ~ 36V	4.5V ~ 36V	4.5V ~ 36V	4.5V ~ 36V
Output Type	Transistor Driver	Transistor Driver	Transistor Driver	Transistor Driver
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TJ)	-40°C ~ 85°C (TA)
Output Configuration	Positive	Positive	Positive	Positive
Base Product Number	MAX1744	MAX1744	MAX1745	MAX1744
Output Phases	1	1	1	1
Duty Cycle (Max)	100%	100%	100%	100%
Synchronous Rectifier	No	No	No	No
Topology	Buck	Buck	Buck	Buck
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Frequency - Switching	Up to 330kHz	Up to 330kHz	Up to 330kHz	Up to 330kHz
Supplier Device Package	10-uMAX/uSOP	10-uMAX/uSOP	10-uMAX/uSOP	10-uMAX/uSOP
Control Features	Enable	Enable	Enable	Enable
Series	-	Automotive, AEC-Q100	-	Automotive, AEC-Q100
Function	Step-Down	Step-Down	Step-Down	Step-Down

MAX1744EUB+T Datasheet PDF


Download MAX1744EUB+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX1744EUB+T - Analog Devices Inc./Maxim Integrated.

Datasheets


[Cylindrical Battery Holders.pdf](#)

Environmental Information

Part Numbering Guide

 Part Numbering System.pdf

Application Notes

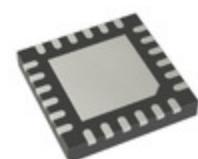
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Customers Also Interested in

Recommended Products



MAX17435ETG+T

Analog Devices Inc./Maxim Integrated
IC BAT CHG MULTICHEM 2-4CL 24TQFN



MAX1744EB/V+T

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IC REG CTRLR BUCK 10UMAX

MAX17434G

Analog Devices / Maxim Integrated

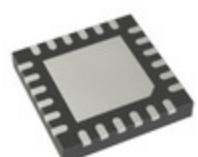


MAX1745AUB+T

Analog Devices Inc./Maxim Integrated
IC REG CTRLR BUCK 10UMAX

MAX17435ETG

Analog Devices / Maxim Integrated



MAX1744EUB/V+

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MAX1744AUB+

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IC BAT CHG MULTICHEM 2-4CL 24TQFN

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IC INTEGRATED CIRCUIT

MAX1745EUB+

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IC REG CTRLR BUCK 10UMAX

MAX1742EEE+T

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IC REG BUCK ADJ/PROG 1A 16QSOP

MAX17434GTL+T

Analog Devices Inc./Maxim Integrated
IC INTEGRATED CIRCUIT

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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