



Image may be representation.
See specifications for product details.



MAX1744EUB

Manufacturer Part Number	MAX1744EUB
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX1744EUB
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	MAX1744EUB.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX1744EUB - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX1744EUB datasheet/specifications on AllelcoElec.com. Request a quote for MAX1744EUB, please send us email: info@allelco.com

Specifications

MAX1744EUB Tech Specifications
MAX1744EUB - 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	Tube	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

Product Attribute				
Part Number	MAX1744EUB	MAX1744EUB-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
Output Phases	1	1	1	1
Base Product Number	MAX1744	MAX1744	MAX1745	MAX1744
Clock Sync	No	No	No	No
Number of Outputs	1	1	1	1
Synchronous Rectifier	No	No	No	No
Topology	Buck	Buck	Buck	Buck
Series	-	-	-	Automotive, AEC-Q100
Duty Cycle (Max)	100%	100%	100%	100%
Output Type	Transistor Driver	Transistor Driver	Transistor Driver	Transistor Driver
Frequency - Switching	Up to 330kHz	Up to 330kHz	Up to 330kHz	Up to 330kHz
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
Control Features	Enable	Enable	Enable	Enable
Serial Interfaces	-	-	-	-
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)
Supplier Device Package	10-uMAX/uSOP	10-uMAX/uSOP	10-uMAX/uSOP	10-uMAX/uSOP
Output Configuration	Positive	Positive	Positive	Positive
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TJ)	-40°C ~ 85°C (TA)
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Function	Step-Down	Step-Down	Step-Down	Step-Down

MAX1744EUB Datasheet PDF

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

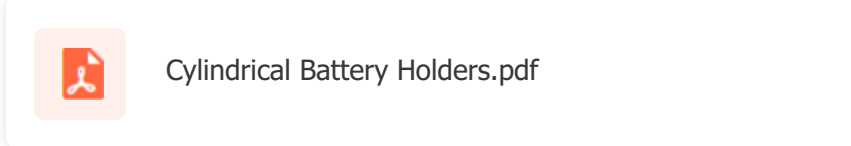
Environmental Information

Maxim Integrated REACH.pdf

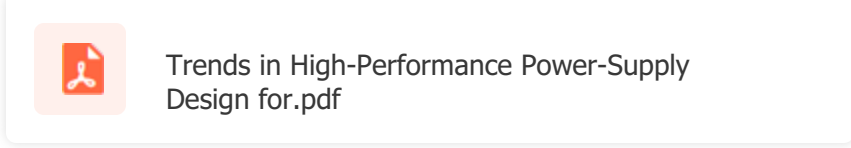
Maxim Integrated RoHS Cert.pdf

Part Numbering Guide

Part Numbering System.pdf



Application Notes



Customers Also Interested in

Recommended Products

 MAX1745AUB Analog Devices / Maxim Integrated	 MAX1744EUB-T Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 10UMAX	 MAX1745AUB+T Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 10UMAX	 MAX1744EB/V+ Analog Devices / Maxim Integrated	 MAX1744EUB/V+ Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 10UMAX	 MAX17434G Analog Devices / Maxim Integrated
 MAX1744EB/V+T Analog Devices / Maxim Integrated	 MAX17435ETG Analog Devices / Maxim Integrated	 MAX17435ETG+T Analog Devices Inc./Maxim Integrated IC BAT CHG MULTCHEM 2-4CL 24TQFN	 MAX1744AUB+ Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 10UMAX	 MAX1745AUB+ Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 10UMAX	 MAX1742EEE Analog Devices Inc./Maxim Integrated IC REG BUCK ADJ/PROG 1A 16QSOP
 MAX1744EUB+T Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 10UMAX	 MAX17435ETG+ Analog Devices Inc./Maxim Integrated IC BAT CHG MULTCHEM 2-4CL 24TQFN	 MAX17434GTL+T Analog Devices Inc./Maxim Integrated IC INTEGRATED CIRCUIT	 MAX1745EUB Analog Devices Inc./Maxim Integrated IC INTEGRATED CIRCUIT	 MAX1744EUB/V+T Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 10UMAX	 MAX1742EEE+T Analog Devices Inc./Maxim Integrated IC REG BUCK ADJ/PROG 1A 16QSOP

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
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Contact us if you have any questions.

Phone +00852 9146 4856	Email info@allelco.com
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Certifications & Memberships



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