

Image may be representation.
See specifications for product details.



MAX1744EUB/V+

Manufacturer Part Number	MAX1744EUB/V+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX1744EUB/V+
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	MAX1744,45.pdf MAX1744,45.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

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

Specifications

MAX1744EUB/V+ Tech Specifications

MAX1744EUB/V+ - 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	Automotive, AEC-Q100	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/V+

Product Attribute				
Part Number	MAX1744EUB/V+	MAX1745EUB+T	MAX1745AUB+	MAX1744EUB/V+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Supplier Device Package	10-uMAX/uSOP	10-uMAX/uSOP	10-uMAX/uSOP	10-uMAX/uSOP
Output Type	Transistor Driver	Transistor Driver	Transistor Driver	Transistor Driver
Number of Outputs	1	1	1	1
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TJ)	-40°C ~ 85°C (TA)
Serial Interfaces	-	-	-	-
Series	Automotive, AEC-Q100	-	-	Automotive, AEC-Q100
Synchronous Rectifier	No	No	No	No
Voltage - Supply (Vcc/Vdd)	4.5V ~ 36V	4.5V ~ 36V	4.5V ~ 36V	4.5V ~ 36V
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)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Phases	1	1	1	1
Base Product Number	MAX1744	MAX1745	MAX1745	MAX1744
Output Configuration	Positive	Positive	Positive	Positive
Duty Cycle (Max)	100%	100%	100%	100%
Frequency - Switching	Up to 330kHz	Up to 330kHz	Up to 330kHz	Up to 330kHz
Clock Sync	No	No	No	No
Topology	Buck	Buck	Buck	Buck
Control Features	Enable	Enable	Enable	Enable
Function	Step-Down	Step-Down	Step-Down	Step-Down

MAX1744EUB/V+ Datasheet PDF

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

Datasheets

MAX1744,45.pdf

Environmental Information

Part Numbering Guide

Part Numbering System.pdf

Application Notes











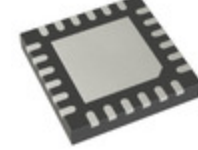





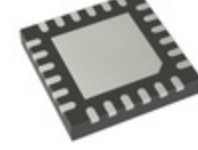

Trends in High-Performance Power-Supply Design for.pdf

HTML Datasheet

MAX1744,45.pdf

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Recommended Products

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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.



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-  Cost-Saving Procurement
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Contact us if you have any questions.

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Certifications & Memberships



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