

Image may be representation.
See specifications for product details.



MAX1846EUB+

Manufacturer Part Number	MAX1846EUB+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX1846EUB+
ECAD Model	Request Free CAD Models
Parts Description	IC REG CTRLR FLYBACK 10UMAX
Package	10-TFSOP, 10-MSOP (0.118', 3.00mm Width)
Data sheet	EE-Sim Design, Simulation Environment Guide.pdf MAX1846,47.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX1846EUB+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX1846EUB+ datasheet/specifications on AllelcoElec.com.
Request a quote for MAX1846EUB+, please send us email: info@allelco.com

Specifications

MAX1846EUB+ Tech Specifications

MAX1846EUB+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Output Configuration	Negative
Voltage - Supply (Vcc/Vdd)	3V ~ 16.5V	Operating Temperature	-40°C ~ 85°C (TA)
Topology	Flyback	Number of Outputs	1
Synchronous Rectifier	No	Mounting Type	Surface Mount
Supplier Device Package	10-uMAX/uSOP	Function	Step-Up/Step-Down
Series	-	Frequency - Switching	100kHz ~ 500kHz
Serial Interfaces	-	Duty Cycle (Max)	96%
Package / Case	10-TFSOP, 10-MSOP (0.118', 3.00mm Width)	Control Features	Enable, Frequency Control
Package	Tube	Clock Sync	Yes
Output Type	Transistor Driver	Base Product Number	MAX1846
Output Phases	1		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX1846EUB+

Product Attribute				
Part Number	MAX1846EUB+	MAX1846EUB+T	MAX1845EEI	MAX1845ETX+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Duty Cycle (Max)	96%	96%	-	-
Package / Case	10-TFSOP, 10-MSOP (0.118', 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	28-SSOP (0.154', 3.90mm Width)	36-WFQFN Exposed Pad
Synchronous Rectifier	No	No	Yes	Yes
Serial Interfaces	-	-	-	-
Topology	Flyback	Flyback	Buck	Buck
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Output Type	Transistor Driver	Transistor Driver	Transistor Driver	Transistor Driver
Function	Step-Up/Step-Down	Step-Up/Step-Down	Step-Down	Step-Down
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Control Features	Enable, Frequency Control	Enable, Frequency Control	Current Limit, Enable, On Time Control, Power Good	Current Limit, Enable, On Time Control, Power Good
Base Product Number	MAX1846	MAX1846	MAX1845	MAX1845
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Phases	1	1	1	1
Clock Sync	Yes	Yes	No	No
Number of Outputs	1	1	2	2
Voltage - Supply (Vcc/Vdd)	3V ~ 16.5V	3V ~ 16.5V	4.5V ~ 5.5V	4.5V ~ 5.5V
Frequency - Switching	100kHz ~ 500kHz	100kHz ~ 500kHz	200kHz, 300kHz, 420kHz, 540kHz	200kHz, 300kHz, 420kHz, 540kHz
Supplier Device Package	10-uMAX/uSOP	10-uMAX/uSOP	28-QSOP	36-TQFN (6x6)
Output Configuration	Negative	Negative	Positive	Positive

MAX1846EUB+ Datasheet PDF

Download MAX1846EUB+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX1846EUB+ - Analog Devices Inc./Maxim Integrated.

Datasheets

[EE-Sim Design, Simulation Environment Guide.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)


[Maxim Integrated RoHS Cert.pdf](#)


Part Numbering Guide

 Part Numbering System.pdf

Application Notes

 Reduce the Chances of Human Error: Part 1, Power a.pdf

 Compensation Calculator for the MAX1846/MAX1847 In.pdf




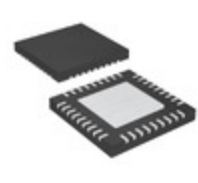














 Layout Considerations for Non-Isolated DC-DC Conve.pdf

HTML Datasheet

 MAX1846,47.pdf

Customers Also Interested in

Recommended Products

 MAX1847EEE+TG51 Analog Devices / Maxim Integrated	 MAX1846EUB+T Analog Devices Inc./Maxim Integrated IC REG CTRLR FLYBACK 10UMAX	 MAX1845EEI Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 28QSOP	 MAX1845ETX+T Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 36TQFN	 MAX1845ETX Analog Devices Inc./Maxim Integrated STEP-DOWN CONTROLLER	 MAX1845EEI-TG05 Analog Devices Inc./Maxim Integrated DUAL, HIGH-EFFICIENCY, STEP-DOWN
 MAX1845EEI+T Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 28QSOP	 MAX1846EUB Analog Devices Inc./Maxim Integrated INVERTING PWM CONTROLLER	 MAX1848ETA Analog Devices Inc./Maxim Integrated WHITE LED STEP-UP CONVERTER	 MAX1845ETX+TG05 Analog Devices / Maxim Integrated	 MAX1848EKA-T Analog Devices Inc./Maxim Integrated WHITE LED STEP-UP CONVERTER	 MAX1847EEE Analog Devices Inc./Maxim Integrated INVERTING PWM CONTROLLER
 MAX1845EEI-T Analog Devices / Maxim Integrated	 MAX1847EEE+ Analog Devices Inc./Maxim Integrated IC REG CTRLR FLYBACK 16QSOP	 MAX1845EET-T Analog Devices / Maxim Integrated	 MAX1847EEE+T Analog Devices Inc./Maxim Integrated IC REG CTRLR FLYBACK 16QSOP	 MAX1845I Analog Devices / Maxim Integrated	 MAX1846EUB-T Analog Devices / Maxim Integrated

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 Alleco 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
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Contact us if you have any questions.

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Certifications & Memberships



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