



Image may be representation.  
See specifications for product details.



## MAX1790EUA+T

Manufacturer Part Number	<b>MAX1790EUA+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX1790EUA+T
ECAD Model	Request Free CAD Models
Parts Description	IC REG BST SEPIC ADJ 1.2A 8UMAX
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	<b>MAX1790, 8715.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX1790EUA+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX1790EUA+T datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX1790EUA+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX1790EUA+T Tech Specifications

MAX1790EUA+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	2.6V	Output Type	Adjustable
Voltage - Output (Max)	12V	Output Configuration	Positive
Voltage - Input (Min)	2.6V	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Input (Max)	5.5V	Number of Outputs	1
Topology	Boost, SEPIC	Mounting Type	Surface Mount
Synchronous Rectifier	No	Function	Step-Up, Step-Up/Step-Down
Supplier Device Package	8-uMAX/uSOP	Frequency - Switching	640kHz, 1.22MHz
Series	-	Current - Output	1.2A (Switch)
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Base Product Number	MAX1790

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX1790EUA+T

Product Attribute				
Part Number	MAX1790EUA+T	MAX1790EUA-T	MAX1790EUA	MAX1790EUA+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Synchronous Rectifier	No	-	No	No
Base Product Number	MAX1790	-	MAX1790	MAX1790
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	-	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Voltage - Input (Max)	5.5V	-	5.5V	5.5V
Voltage - Output (Min/Fixed)	2.6V	-	2.6V	2.6V
Supplier Device Package	8-uMAX/uSOP	-	8-uMAX/uSOP	8-uMAX/uSOP
Output Configuration	Positive	-	Positive	Positive
Mounting Type	Surface Mount	-	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Bulk	Tube	Tube
Series	-	*	-	-
Topology	Boost, SEPIC	-	Boost, SEPIC	Boost, SEPIC
Voltage - Output (Max)	12V	-	12V	12V
Function	Step-Up, Step-Up/Step-Down	-	Step-Up, Step-Up/Step-Down	Step-Up, Step-Up/Step-Down
Voltage - Input (Min)	2.6V	-	2.6V	2.6V
Output Type	Adjustable	-	Adjustable	Adjustable
Current - Output	1.2A (Switch)	-	1.2A (Switch)	1.2A (Switch)
Operating Temperature	-40°C ~ 85°C (TA)	-	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Frequency - Switching	640kHz, 1.22MHz	-	640kHz, 1.22MHz	640kHz, 1.22MHz
Number of Outputs	1	-	1	1

## MAX1790EUA+T Datasheet PDF

Download MAX1790EUA+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX1790EUA+T - Analog Devices Inc./Maxim Integrated.

### Datasheets

[MAX1790, 8715.pdf](#)

### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)



















### Part Numbering Guide

## Application Notes

All-Ceramic 200mA Step-Up Converter for USB.pdf

## Customers Also Interested in

### Recommended Products

					
<b>MAX1790EUA-T</b> Analog Devices Inc./Maxim Integrated SWITCHING REGULATOR, CURRENT-MOD	<b>MAX1792EUA18+</b> Analog Devices Inc./Maxim Integrated IC REG LIN POS ADJ 500MA 8UMAX	<b>MAX1792EUA15-T</b> Analog Devices Inc./Maxim Integrated IC REG LINEAR LDO	<b>MAX1791EUB+T</b> Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 10UMAX	<b>MAX178ACNG+</b> Analog Devices Inc./Maxim Integrated IC ADC 12BIT SAR 24DIP	<b>MAX1788EUI+T</b> Analog Devices / Maxim Integrated
					
<b>MAX17880GU/V</b> Analog Devices / Maxim Integrated	<b>MAX1790EUA</b> Analog Devices Inc./Maxim Integrated IC REG BST SEPIC ADJ 1.2A 8UMAX	<b>MAX1790EUA+</b> Analog Devices Inc./Maxim Integrated IC REG BST SEPIC ADJ 1.2A 8UMAX	<b>MAX17880GUU/V+T</b> Analog Devices Inc./Maxim Integrated IC BATT 12CH HIGH VOLT BATT	<b>MAX1792EUA18</b> Analog Devices Inc./Maxim Integrated IC REG LINEAR LDO	<b>MAX1788AEUI+T</b> Analog Devices / Maxim Integrated
					
<b>MAX1791EUB-T</b> Analog Devices Inc./Maxim Integrated HIGH-EFFICIENCY, 10-PIN AUMAX, S	<b>MAX1792EUA15</b> Analog Devices Inc./Maxim Integrated IC REG LIN POS ADJ 500MA 8UMAX	<b>MAX1791EUB</b> Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 10UMAX	<b>MAX1789EUI+T</b> Analog Devices Inc./Maxim Integrated SMART BATTERY-PACK CONTROLLERS	<b>MAX1792EUA15+T</b> Analog Devices Inc./Maxim Integrated IC REG LIN POS ADJ 500MA 8UMAX	<b>MAX17880GUU/V+</b> Analog Devices Inc./Maxim Integrated IC BATT 12CH HIGH VOLT BATT

## 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



View More

### Contact us

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