

Image may be representation.
See specifications for product details.



MAX77827CEWC+T

Manufacturer Part Number	MAX77827CEWC+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX77827CEWC+T
ECAD Model	Request Free CAD Models
Parts Description	TINY BUCK-BOOST CONVERTER
Package	12-WFBGA, WLPGA
Data sheet	MAX77827CEWC+T.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX77827CEWC+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX77827CEWC+T datasheet/specifications on AllelcoElec.com.
Request a quote for MAX77827CEWC+T, please send us email: info@allelco.com

Specifications

MAX77827CEWC+T Tech Specifications
MAX77827CEWC+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)	2.3V	Output Type	Adjustable
Voltage - Output (Max)	5.3V	Output Configuration	Positive
Voltage - Input (Min)	2.6V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	5.5V	Number of Outputs	1
Topology	Buck-Boost	Mounting Type	Surface Mount
Synchronous Rectifier	No	Function	Step-Up/Step-Down
Supplier Device Package	12-WLP (1.61x2.01)	Frequency - Switching	2.5MHz
Series	-	Current - Output	1.8A (Switch)
Package / Case	12-WFBGA, WLPGA	Base Product Number	MAX77827

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX77827CEWC+T

Product Attribute				
Part Number	MAX77827CEWC+T	MAX77827DEWC+T	MAX77812EWB+T	MAX77827CEFD+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Frequency - Switching	2.5MHz	2.5MHz	2MHz	2.5MHz
Voltage - Input (Min)	2.6V	1.8V	2.5V	2.6V
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
Package / Case	12-WFBGA, WLPGA	12-WFBGA, WLPGA	64-WFBGA, WLPGA	14-PowerUFQFN
Voltage - Output (Min/Fixed)	2.3V	2.3V	0.25V	2.3V
Series	-	-	-	-
Voltage - Output (Max)	5.3V	5.3V	1.525V	5.3V
Topology	Buck-Boost	Buck-Boost	Buck	Buck-Boost
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Type	Adjustable	Adjustable	Adjustable	Adjustable
Supplier Device Package	12-WLP (1.61x2.01)	12-WLP (1.61x2.01)	64-WLP (3.41x3.37)	14-FC2QFN (2.5x2.5)
Current - Output	1.8A (Switch)	1.8A (Switch)	20A	1.6A
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 85°C	-40°C ~ 125°C (TJ)
Synchronous Rectifier	No	No	No	No
Base Product Number	MAX77827	MAX77827	MAX77812	-
Number of Outputs	1	1	4	1
Output Configuration	Positive	Positive	Positive	Positive
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Strip
Function	Step-Up/Step-Down	Step-Up/Step-Down	Step-Down	Step-Up/Step-Down

MAX77827CEWC+T Datasheet PDF

Download MAX77827CEWC+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX77827CEWC+T - Analog Devices Inc./Maxim Integrated.

Environmental Information

Maxim Integrated REACH.pdf

Maxim Integrated RoHS Cert.pdf

Customers Also Interested in

Recommended Products



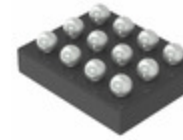
MAX77836EWZ+T

Analog Devices Inc./Maxim Integrated
MAX77836 INTERFACE PMIC



MAX77819EWB+T

Analog Devices Inc./Maxim Integrated
INTEGRATED CIRCUIT



MAX77818EWZ+T

Analog Devices Inc./Maxim Integrated
IC BATT CHG LI-ION 1CELL 72WLP



MAX77827DEWC+T

Analog Devices Inc./Maxim Integrated
TINY BUCK-BOOST CONVERTER



MAX77819EWB+

Analog Devices Inc./Maxim Integrated
IC INTEGRATED CIRCUIT



MAX77821EWN+T

Analog Devices Inc./Maxim Integrated
PMIC FOR CELL PHONE



MAX77812EWB+T

Analog Devices Inc./Maxim Integrated
IC REG BUCK ADJ 20A QD 64WLP



MAX77826EWJ+T

Analog Devices Inc./Maxim Integrated
IC REG CONV MOBILE 17OUT 49WLP



MAX77843EWW+T

Analog Devices Inc./Maxim Integrated
PMIC FOR SMART PHONE



MAX77826EWJ+

Analog Devices Inc./Maxim Integrated
IC REG CONV MOBILE 17OUT 49WLP



MAX778CSA

Analog Devices / Maxim Integrated



MAX778CPA

Analog Devices / Maxim Integrated



MAX77827CEFD+

Analog Devices Inc./Maxim Integrated
TINY BUCK-BOOST CONVERTER



MAX77854FEWZ+T

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COMPANION PMIC FOR SMARTPHONES A



MAX77960EFV06+

Analog Devices Inc./Maxim Integrated
25VIN, 3AOUT USB-C PD BUCK-BOOST



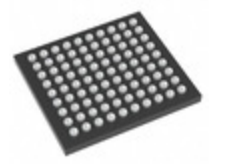
MAX77813EWP+T

Analog Devices Inc./Maxim Integrated
IC REG BUCK BOOST HIGH EFFICIENCY



MAX77812AEWB+T

Analog Devices Inc./Maxim Integrated
IC REG BUCK ADJ 20A QD 64WLP



MAX77863AEWJ+T

Analog Devices Inc./Maxim Integrated
PMIC FOR MULTI-CORE APPLICATIONS

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.

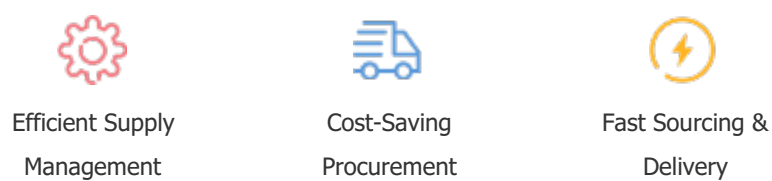
Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



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