

Image may be representation.  
See specifications for product details.

## LT3020EMS8-1.2

Manufacturer Part Number	<b>LT3020EMS8-1.2</b>
Manufacturer	<b>Linear Technology</b>
Allelco Part Number	32D-LT3020EMS8-1.2
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	<b>LT3020 - IC VOLT REG FIXED 1 100</b>
Package	<b>8-TSSOP, 8-MSOP (0.118", 3.00mm Width)</b>
Data sheet	LT3020EMS8-1.2.pdf

**Get a Quote**

LT3020EMS8-1.2 - Linear Technology. New Original in Stock. Download Linear Technology LT3020EMS8-1.2 datasheet/specifications on AllelcoElec.com.  
Request a quote for LT3020EMS8-1.2, please send us email: [info@allelco.com](mailto:info@allelco.com)



## Specifications

LT3020EMS8-1.2 Tech Specifications

LT3020EMS8-1.2 - Linear Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Linear Technology	PSRR	60dB (120Hz)
Voltage Dropout (Max)	0.285V @ 100mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	1.2V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	10V	Number of Regulators	1
Supplier Device Package	8-MSOP	Mounting Type	Surface Mount
Series	-	Current - Supply (Max)	3.5 mA
Protection Features	Over Current, Over Temperature, Reverse Polarity	Current - Quiescent (Iq)	250 µA
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Current - Output	100mA
Package	Bulk	Control Features	Enable

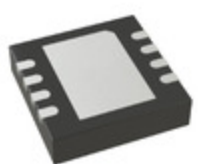
## Parts with Similar Specifications

The three parts on the right have similar specifications to Linear Technology LT3020EMS8-1.2

Product Attribute				
Part Number	LT3020EMS8-1.2	LT3020EDD-1.5#PBF	LT3020EMS8#PBF	LT3020EMS8-1.8#TRPBF
Manufacturer	Linear Technology	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Supplier Device Package	8-MSOP	8-DFN (3x3)	8-MSOP	8-MSOP
Series	-	-	-	-
Control Features	Enable	Enable	Enable	Enable
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-WDFN Exposed Pad	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Output Configuration	Positive	Positive	Positive	Positive
Voltage - Output (Max)	-	-	9.5V	-
Current - Supply (Max)	3.5 mA	3.5 mA	3.5 mA	3.5 mA
Current - Output	100mA	100mA	100mA	100mA
Voltage - Output (Min/Fixed)	1.2V	1.5V	0.2V	1.8V
Package	Bulk	Tube	Tube	Tape & Reel (TR)
PSRR	60dB (120Hz)	58dB (120Hz)	64dB (120Hz)	56dB (120Hz)
Output Type	Fixed	Fixed	Adjustable	Fixed
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Input (Max)	10V	10V	10V	10V
Voltage Dropout (Max)	0.285V @ 100mA	0.285V @ 100mA	0.285V @ 100mA	0.285V @ 100mA
Protection Features	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature, Reverse Polarity
Number of Regulators	1	1	1	1
Current - Quiescent (Iq)	250 µA	250 µA	250 µA	250 µA

## Customers Also Interested in

### Recommended Products



**LT3020EDD-1.5#PBF**

Analog Devices Inc.  
IC REG LINEAR 1.5V 100MA 8DFN



**LT3020EMS8#PBF**

Analog Devices Inc.  
IC REG LIN POS ADJ 100MA 8MSOP



**LT3020EMS8**

Linear Technology / Analog Devices



**LT3020IDD-1.5**

Linear Technology / Analog Devices



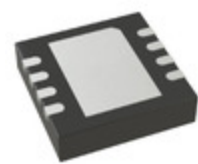
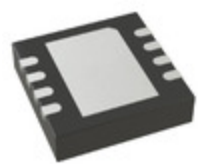
**LT3020EMS8-1.8**

Linear Technology / Analog Devices

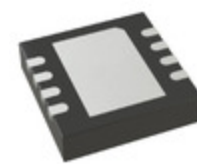
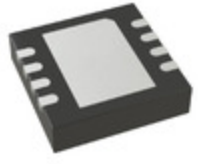
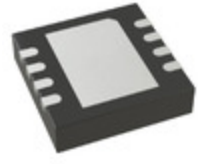
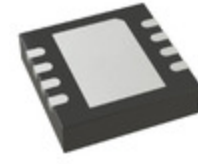
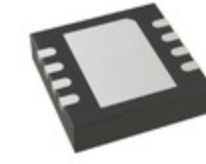


**LT3020EMS8-1.8#TRPBF**

Analog Devices Inc.  
IC REG LINEAR 1.8V 100MA 8MSOP

**LT3020EMS8-1.2#TRPBF**Analog Devices Inc.  
IC REG LINEAR 1.2V 100MA 8MSOP**LT3020EDD#TRPBF**Linear Technology  
IC REG LINEAR POS ADJ 100MA 8DFN**LT3020EDD#PBF**Analog Devices Inc.  
IC REG LINEAR POS ADJ 100MA 8DFN**LT3020EMS8-1.2#PBF**Analog Devices Inc.  
IC REG LINEAR 1.2V 100MA 8MSOP**LT3020EDD**

Linear Technology / Analog Devices

**LT3020IDD-1.2#TRPBF**Analog Devices Inc.  
IC REG LINEAR 1.2V 100MA 8DFN**LT3020EDD#TRPBF**Analog Devices Inc.  
IC REG LINEAR POS ADJ 100MA 8DFN**LT3020EMS8#TRPBF**Analog Devices Inc.  
IC REG LIN POS ADJ 100MA 8MSOP**LT3020IDD-1.5#PBF**Analog Devices Inc.  
IC REG LINEAR 1.5V 100MA 8DFN**LT3020EDD-1.2#TRPBF**Analog Devices Inc.  
IC REG LINEAR 1.2V 100MA 8DFN**LT3020IDD#TRPBF**Analog Devices Inc.  
IC REG LINEAR POS ADJ 100MA 8DFN**LT3020EMS8-1.5**Linear Technology  
LT3020 - IC VOLT REG FIXED 1 10

## 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

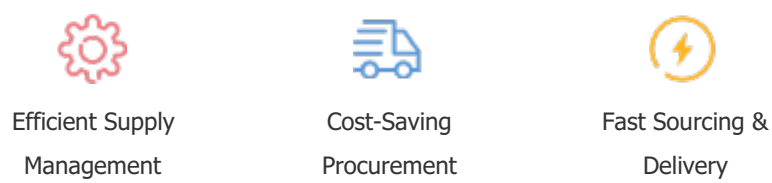
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

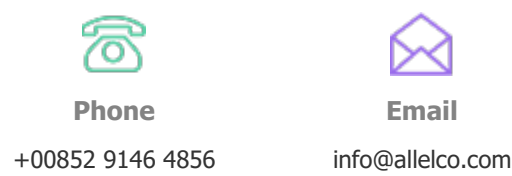
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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