



Image may be representation.  
See specifications for product details.



## MAX5820LEUA+

Manufacturer Part Number	<b>MAX5820LEUA+</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX5820LEUA+
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 8BIT V-OUT 8UMAX
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	<b>MAX5820.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX5820LEUA+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX5820LEUA+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX5820LEUA+, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX5820LEUA+ Tech Specifications  
MAX5820LEUA+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	-40°C ~ 85°C
Voltage - Supply, Digital	2.7V ~ 5.5V	Number of D/A Converters	2
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of Bits	8
Supplier Device Package	8-uMAX/uSOP	Mounting Type	Surface Mount
Settling Time	12µs	INL/DNL (LSB)	±0.5, ±0.5 (Max)
Series	-	Differential Output	No
Reference Type	External	Data Interface	I <sup>2</sup> C
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Base Product Number	MAX5820
Package	Tube	Architecture	String DAC
Output Type	Voltage - Buffered		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX5820LEUA+

Product Attribute				
Part Number	MAX5820LEUA+	MAX5812LEUT+T	MAX5825AWP+T	MAX5815BAUD+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)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Supply, Analog	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Base Product Number	MAX5820	MAX5812	MAX5825	MAX5815
Settling Time	12µs	12µs	4.5µs (Typ)	4.5µs (Typ)
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Reference Type	External	Supply	External, Internal	External, Internal
Data Interface	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C
Number of D/A Converters	2	1	8	4
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	SOT-23-6	20-WFBGA, WLPGA	14-TSSOP (0.173", 4.40mm Width)
Voltage - Supply, Digital	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 125°C	-40°C ~ 125°C
Number of Bits	8	12	12	12
Architecture	String DAC	String DAC	R-2R	R-2R
Differential Output	No	No	No	No
Supplier Device Package	8-uMAX/uSOP	SOT-6	20-WLP	14-TSSOP
INL/DNL (LSB)	±0.5, ±0.5 (Max)	±2, ±1 (Max)	±0.5, ±0.2	±0.5, ±0.2
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered

### MAX5820LEUA+ Datasheet PDF

Download MAX5820LEUA+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX5820LEUA+ - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX5820.pdf](#)

#### Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

#### Part Numbering Guide

[Part Numbering System.pdf](#)

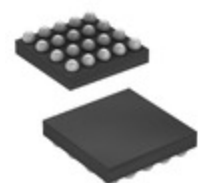
## Customers Also Interested in

### Recommended Products



#### MAX5812LEUT+T

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT SOT23-6



#### MAX5825AWP+T

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 20WLP



#### MAX5815BAUD+T

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT 14TSSOP



#### MAX5816ATB+T

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 10TDFN



#### MAX5812LEUT#TG16

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT SOT23-6



#### MAX5825AAUP+

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 20TSSOP



#### MAX5812LEUT

Analog Devices / Maxim Integrated



#### MAX5839ACMH

Analog Devices Inc./Maxim Integrated  
IC DAC 13BIT V-OUT 44MQFP



#### MAX5821LEUA+

Analog Devices Inc./Maxim Integrated  
IC DAC 10BIT V-OUT 8UMAX



#### MAX5820LEUA+T

Analog Devices Inc./Maxim Integrated  
IC DAC 8BIT V-OUT 8UMAX

#### MAX5839ACMH

Analog Devices / Maxim Integrated

#### MAX5811LEUT

Analog Devices / Maxim Integrated



#### MAX5812PEUT

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT SOT23-6



#### MAX5815AWC+T

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 12WLP



#### MAX5822LEUA+

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 8UMAX



#### MAX5821MEUA+T

Analog Devices Inc./Maxim Integrated  
IC DAC 10BIT V-OUT 8UMAX

## 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

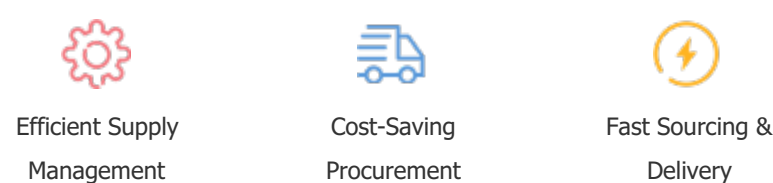
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### 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



View More

### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
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