



# MAX5815AWC+T

Manufacturer Part Number	<b>MAX5815AWC+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX5815AWC+T
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 12BIT V-OUT 12WLP
Package	12-WFBGA, WLBGA
Data sheet	MAX5815AWC+T.pdf
RoHs Status	ROHS3 Compliant



**Get a Quote**

MAX5815AWC+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX5815AWC+T datasheet/specifications on AllelcoElec.com.

Request a quote for MAX5815AWC+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX5815AWC+T Tech Specifications

MAX5815AWC+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	-40°C ~ 125°C
Voltage - Supply, Digital	2.7V ~ 5.5V	Number of D/A Converters	4
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of Bits	12
Supplier Device Package	12-WLP (1.5x2.01)	Mounting Type	Surface Mount
Settling Time	4.5µs (Typ)	INL/DNL (LSB)	±0.5, ±0.2
Series	-	Differential Output	No
Reference Type	External, Internal	Data Interface	I <sup>2</sup> C
Package / Case	12-WFBGA, WLBGA	Base Product Number	MAX5815
Package	Tape & Reel (TR)	Architecture	R-2R
Output Type	Voltage - Buffered		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX5815AWC+T

Product Attribute				
Part Number	MAX5815AWC+T	MAX5820LEUA+T	MAX5805BAUB+T	MAX5812MEUT+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Reference Type	External, Internal	External	External, Internal	Supply
Number of Bits	12	8	12	12
Data Interface	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C
Supplier Device Package	12-WLP (1.5x2.01)	8-uMAX/uSOP	10-uMAX/uSOP	SOT-6
Architecture	R-2R	String DAC	R-2R	String DAC
Base Product Number	MAX5815	MAX5820	MAX5805	MAX5812
INL/DNL (LSB)	±0.5, ±0.2	±0.5, ±0.5 (Max)	±0.5, ±0.2	±2, ±1 (Max)
Number of D/A Converters	4	2	1	1
Settling Time	4.5µs (Typ)	12µs	6.3µs (Typ)	12µs
Differential Output	No	No	No	No
Voltage - Supply, Digital	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Package / Case	12-WFBGA, WLBGA	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	SOT-23-6
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 125°C	-40°C ~ 85°C
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Voltage - Supply, Analog	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V

## MAX5815AWC+T Datasheet PDF

Download MAX5815AWC+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX5815AWC+T - Analog Devices Inc./Maxim Integrated.

### Environmental Information



Maxim Integrated REACH.pdf



Maxim Integrated RoHS Cert.pdf



Red Phosphorous Certificate.pdf

### Part Numbering Guide



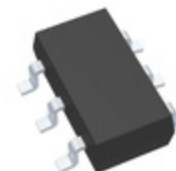
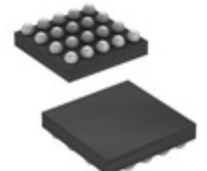
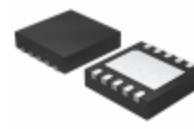
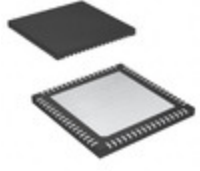
Part Numbering System.pdf

## Customers Also Interested in

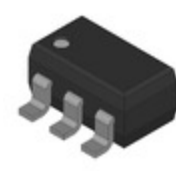
### Recommended Products

**MAX5803ATB**

Analog Devices / Maxim Integrated

**MAX5820LEUA+T**Analog Devices Inc./Maxim Integrated  
IC DAC 8BIT V-OUT 8UMAX**MAX5805BAUB+T**Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 10UMAX**MAX5812MEUT+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**MAX5825AAUP+**Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 20TSSOP**MAX5812PEUT**Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT SOT23-6**MAX5820LEUA+**Analog Devices Inc./Maxim Integrated  
IC DAC 8BIT V-OUT 8UMAX**MAX5816ATB+T**Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 10TDFN**MAX5822LEUA+**Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT 8UMAX**MAX5815BAUD+T**Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT 14TSSOP**MAX5774UTK+**Analog Devices Inc./Maxim Integrated  
IC DAC 14BIT V-OUT 68TQFN**MAX5812LEUT+T**Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT SOT23-6**MAX5811LEUT**

Analog Devices / Maxim Integrated

**MAX5821MEUA+T**Analog Devices Inc./Maxim Integrated  
IC DAC 10BIT V-OUT 8UMAX**MAX5812LEUT#TG16**Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT SOT23-6**MAX5821LEUA+**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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing &amp; Delivery

Contact us if you have any questions.



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+00852 9146 4856



Email

info@allelco.com

## Certifications & Memberships



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