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See specifications for product details.



MAX5825AWP+T

Manufacturer Part Number	MAX5825AWP+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX5825AWP+T
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 12BIT V-OUT 20WLP
Package	20-WFBGA, WLPGA
Data sheet	MAX5825AWP+T.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX5825AWP+T - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX5825AWP+T datasheet/specifications on AllelcoElec.com.
Request a quote for MAX5825AWP+T, please send us email: info@allelco.com

Specifications

MAX5825AWP+T Tech Specifications
MAX5825AWP+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	8
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of Bits	12
Supplier Device Package	20-WLP	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 ² C
Package / Case	20-WFBGA, WLPGA	Base Product Number	MAX5825
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 MAX5825AWP+T

Product Attribute				
Part Number	MAX5825AWP+T	MAX5820LEUA+	MAX5820LEUA+T	MAX5841MEUB+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Voltage - Supply, Analog	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Voltage - Supply, Digital	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Base Product Number	MAX5825	MAX5820	MAX5820	MAX5841
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	-	-
INL/DNL (LSB)	±0.5, ±0.2	±0.5, ±0.5 (Max)	±0.5, ±0.5 (Max)	±0.5, ±0.5 (Max)
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Architecture	R-2R	String DAC	String DAC	String DAC
Settling Time	4.5µs (Typ)	12µs	12µs	12µs
Differential Output	No	No	No	No
Data Interface	I ² C	I ² C	I ² C	I ² C
Package / Case	20-WFBGA, WLPGA	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Number of Bits	12	8	8	10
Operating Temperature	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	20-WLP	8-uMAX/uSOP	8-uMAX/uSOP	10-uMAX/uSOP
Number of D/A Converters	8	2	2	4
Reference Type	External, Internal	External	External	External

MAX5825AWP+T Datasheet PDF

Download MAX5825AWP+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX5825AWP+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

Other Related Documents

- Essential Analog Product Briefs.pdf

Application Notes



Precision DAC and Watchdog Improve Analog Output S.pdf

Customers Also Interested in

Recommended Products



MAX5820LEUA+

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



MAX5820LEUA+T

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



MAX5839ACMH

Analog Devices / Maxim Integrated



MAX5841MEUB+T

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



MAX5841LEUB+T

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



MAX5839AEMH

Analog Devices / Maxim Integrated



MAX5821MEUA+T

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



MAX5815BAUD+T

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



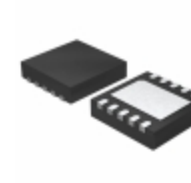
MAX5839BCMH

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



MAX5841LEUB

Analog Devices / Maxim Integrated



MAX5816ATB+T

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



MAX5842LEUB+

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



MAX5821LEUA+

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



MAX5825AAUP+

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



MAX5822LEUA+

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



MAX5839BEMH

Analog Devices / Maxim Integrated



MAX5822LEUA+TG069

Analog Devices / Maxim Integrated



MAX5815AWC+T

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

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



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