

Image may be representation.
See specifications for product details.



MAX515CPA+

Manufacturer Part Number	MAX515CPA+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX515CPA+
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 10BIT V-OUT 8DIP
Package	8-DIP (0.300", 7.62mm)
Data sheet	MAX504,515.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX515CPA+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX515CPA+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX515CPA+, please send us email: info@allelco.com

Specifications

MAX515CPA+ Tech Specifications

MAX515CPA+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	0°C ~ 70°C
Voltage - Supply, Digital	5V	Number of D/A Converters	1
Voltage - Supply, Analog	5V	Number of Bits	10
Supplier Device Package	8-PDIP	Mounting Type	Through Hole
Settling Time	25µs (Typ)	INL/DNL (LSB)	±0.5 (Max), ±1 (Max)
Series	-	Differential Output	No
Reference Type	External	Data Interface	SPI
Package / Case	8-DIP (0.300", 7.62mm)	Base Product Number	MAX515
Package	Tube	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 MAX515CPA+

Product Attribute				
Part Number	MAX515CPA+	MAX5158CEE	MAX5157BCPE	MAX515CSA+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Base Product Number	MAX515	MAX5158	MAX5157	MAX515
Architecture	R-2R	R-2R	R-2R	R-2R
Supplier Device Package	8-PDIP	16-QSOP	16-PDIP	8-SOIC
Series	-	-	-	-
Operating Temperature	0°C ~ 70°C	0°C ~ 70°C	0°C ~ 70°C	0°C ~ 70°C
Voltage - Supply, Analog	5V	5V	2.7V ~ 3.6V	5V
Package	Tube	Tube	Tube	Tape & Reel (TR)
Data Interface	SPI	SPI	SPI	SPI
INL/DNL (LSB)	±0.5 (Max), ±1 (Max)	±1 (Max), ±1 (Max)	±2 (Max), ±1 (Max)	±0.5 (Max), ±1 (Max)
Number of Bits	10	10	12	10
Voltage - Supply, Digital	5V	5V	2.7V ~ 3.6V	5V
Settling Time	25µs (Typ)	8µs (Typ)	18µs (Typ)	25µs (Typ)
Differential Output	No	No	No	No
Mounting Type	Through Hole	Surface Mount	Through Hole	Surface Mount
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Reference Type	External	External	External	External
Package / Case	8-DIP (0.300", 7.62mm)	16-SSOP (0.154", 3.90mm Width)	16-DIP (0.300", 7.62mm)	8-SOIC (0.154", 3.90mm Width)
Number of D/A Converters	1	2	2	1

MAX515CPA+ Datasheet PDF

Download MAX515CPA+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX515CPA+ - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX504,515.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)



















Part Numbering Guide

[Part Numbering System.pdf](#)

 Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products

					
MAX5158CEE Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 16QSOP	MAX5159CEE+ Analog Devices / Maxim Integrated	MAX5157BCPE Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 16DIP	MAX515CSA+T Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 8SOIC	MAX515ESA+T Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 8SOIC	MAX5160LEUA Analog Devices Inc./Maxim Integrated IC DGTL POT 50KOHM 32TAP 8UMAX
					
MAX5158CPE Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 16DIP	MAX515ESA Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 8SOIC	MAX5160LEUA+ Analog Devices Inc./Maxim Integrated IC DGTL POT 50KOHM 32TAP 8UMAX	MAX5159EEE+ Analog Devices Inc./Maxim Integrated IC DAC 10BIT DUAL LP SER 16-QSOP	MAX5156BEEE Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 16QSOP	MAX5158CEE+ Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 16QSOP
					
MAX5158CPE+ Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 16DIP	MAX515CSA+ Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 8SOIC	MAX5158EEE+T Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 16QSOP	MAX5160LEUA+T Analog Devices Inc./Maxim Integrated IC DGTL POT 50KOHM 32TAP 8UMAX	MAX515CSA Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 8SOIC	MAX515EPA+ Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 8DIP

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
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Contact us if you have any questions.

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Certifications & Memberships



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Contact us

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