

Image may be representation.  
See specifications for product details.



## MAX517ACPA+

Manufacturer Part Number	<b>MAX517ACPA+</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX517ACPA+
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 8BIT V-OUT 8DIP
Package	8-DIP (0.300', 7.62mm)
Data sheet	<b>MAX517-19.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX517ACPA+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX517ACPA+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX517ACPA+, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX517ACPA+ Tech Specifications

MAX517ACPA+ - 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	8
Supplier Device Package	8-PDIP	Mounting Type	Through Hole
Settling Time	6µs (Typ)	INL/DNL (LSB)	±1 (Max), ±1 (Max)
Series	-	Differential Output	No
Reference Type	External	Data Interface	I <sup>2</sup> C
Package / Case	8-DIP (0.300', 7.62mm)	Base Product Number	MAX517
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 MAX517ACPA+

Product Attribute				
Part Number	MAX517ACPA+	MAX5170BEEE+T	MAX517BESA+T	MAX5171BEEE+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Package / Case	8-DIP (0.300', 7.62mm)	16-SSOP (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)	16-SSOP (0.154', 3.90mm Width)
Reference Type	External	External	External	External
Supplier Device Package	8-PDIP	16-QSOP	8-SOIC	16-QSOP
Voltage - Supply, Digital	5V	5V	5V	5V
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Voltage - Supply, Analog	5V	5V	5V	5V
Series	-	-	-	-
Number of D/A Converters	1	1	1	1
Settling Time	6µs (Typ)	18µs (Typ)	6µs (Typ)	12µs (Typ)
Base Product Number	MAX517	MAX5170	MAX517	MAX5171
Differential Output	No	No	No	No
Operating Temperature	0°C ~ 70°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Number of Bits	8	14	8	14
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Architecture	R-2R	R-2R	R-2R	R-2R
Data Interface	I <sup>2</sup> C	SPI	I <sup>2</sup> C	SPI
INL/DNL (LSB)	±1 (Max), ±1 (Max)	±2 (Max), ±1 (Max)	±1.5 (Max), ±1 (Max)	±2 (Max), ±1 (Max)

### MAX517ACPA+ Datasheet PDF

Download MAX517ACPA+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX517ACPA+ - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[MAX517-19.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

 <b>MAX5171AEEE+T</b> Analog Devices / Maxim Integrated	 <b>MAX5170BEEE+T</b> Analog Devices Inc./Maxim Integrated IC DAC 14BIT V-OUT 16QSOP	 <b>MAX517BESA+T</b> Analog Devices Inc./Maxim Integrated IC DAC 8BIT V-OUT 8SOIC	 <b>MAX516BCNG+</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 4 GEN PUR 24DIP	 <b>MAX5175AEEE+T</b> Analog Devices / Maxim Integrated	 <b>MAX5171BEEE+T</b> Analog Devices Inc./Maxim Integrated IC DAC 14BIT V-OUT 16QSOP
 <b>MAX5182BEEI+</b> Analog Devices Inc./Maxim Integrated IC DAC 10BIT A-OUT 28QSOP	 <b>MAX5180BEEI</b> Analog Devices Inc./Maxim Integrated IC DAC 10BIT A-OUT 28QSOP	 <b>MAX5170BEEE+</b> Analog Devices Inc./Maxim Integrated IC DAC 14BIT V-OUT 16QSOP	 <b>MAX517ACSA</b> Analog Devices Inc./Maxim Integrated IC DAC 8BIT V-OUT 8SOIC	 <b>MAX517ACSA+T</b> Analog Devices Inc./Maxim Integrated IC DAC 8BIT V-OUT 8SOIC	 <b>MAX5180BEEI+</b> Analog Devices Inc./Maxim Integrated IC DAC 10BIT A-OUT 28QSOP
 <b>MAX517BCPA</b> Analog Devices Inc./Maxim Integrated IC DAC 8BIT V-OUT 8DIP	 <b>MAX5175BEEE+T</b> Analog Devices / Maxim Integrated	 <b>MAX5170AEEE+</b> Analog Devices Inc./Maxim Integrated IC DAC 14BIT V-OUT 16QSOP	 <b>MAX517BCPA+</b> Analog Devices Inc./Maxim Integrated IC DAC 8BIT V-OUT 8DIP	 <b>MAX516BEWG</b> Analog Devices Inc./Maxim Integrated IC COMPARATOR 4 GEN PUR 24SOIC	 <b>MAX517BCSA</b> Analog Devices Inc./Maxim Integrated IC DAC 8BIT V-OUT 8SOIC

## 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  
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-  Email  
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### Certifications & Memberships



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### Contact us

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