



Image may be representation.
See specifications for product details.



MAX528CPP+

Manufacturer Part Number	MAX528CPP+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX528CPP+
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 8BIT V-OUT 20DIP
Package	20-DIP (0.300", 7.62mm)
Data sheet	MAX528 / 29.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX528CPP+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX528CPP+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX528CPP+, please send us email: info@allelco.com

Specifications

MAX528CPP+ Tech Specifications
MAX528CPP+ - 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	10.8V ~ 16.5V	Number of D/A Converters	8
Voltage - Supply, Analog	10.8V ~ 16.5V, -1.5V ~ -5.5V	Number of Bits	8
Supplier Device Package	20-PDIP	Mounting Type	Through Hole
Settling Time	3µs	INL/DNL (LSB)	±0.3, ±0.3
Series	-	Differential Output	No
Reference Type	External	Data Interface	SPI
Package / Case	20-DIP (0.300", 7.62mm)	Base Product Number	MAX528
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 MAX528CPP+

Product Attribute				
Part Number	MAX528CPP+	MAX528CPP	MAX528EWG	MAX5292EUD
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Supplier Device Package	20-PDIP	20-PDIP	24-SOIC	14-TSSOP
Series	-	-	-	-
Data Interface	SPI	SPI	SPI	3-Wire Serial, DSP, Microwire, QSPI, SPI
Mounting Type	Through Hole	Through Hole	Surface Mount	Surface Mount
Base Product Number	MAX528	MAX528	MAX528	-
Reference Type	External	External	External	External
Voltage - Supply, Analog	10.8V ~ 16.5V, -1.5V ~ -5.5V	10.8V ~ 16.5V, -1.5V ~ -5.5V	10.8V ~ 16.5V, -1.5V ~ -5.5V	2.7V ~ 5.25V
Package	Tube	Tube	Tube	Bulk
Package / Case	20-DIP (0.300", 7.62mm)	20-DIP (0.300", 7.62mm)	24-SOIC (0.295", 7.50mm Width)	14-TSSOP (0.173", 4.40mm Width)
Voltage - Supply, Digital	10.8V ~ 16.5V	10.8V ~ 16.5V	10.8V ~ 16.5V	1.8V ~ 5.25V
Operating Temperature	0°C ~ 70°C	0°C ~ 70°C	-40°C ~ 85°C	-40°C ~ 85°C
Settling Time	3µs	3µs	3µs	6µs
Number of Bits	8	8	8	10
Number of D/A Converters	8	8	8	2
Architecture	R-2R	R-2R	R-2R	-
Differential Output	No	No	No	No
INL/DNL (LSB)	±0.3, ±0.3	±0.3, ±0.3	±0.3, ±0.3	±0.5, ±1 (Max)

MAX528CPP+ Datasheet PDF

Download MAX528CPP+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX528CPP+ - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX528/29.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

					
MAX528CPP Analog Devices Inc./Maxim Integrated IC DAC 8BIT V-OUT 20DIP	MAX528EWG Analog Devices Inc./Maxim Integrated IC DAC 8BIT V-OUT 24SOIC	MAX5292EUD Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 14TSSOP	MAX528CWG+ Analog Devices Inc./Maxim Integrated IC DAC 8BIT V-OUT 24SOIC	MAX528EAG Analog Devices Inc./Maxim Integrated IC DAC 8BIT V-OUT 24SSOP	MAX527DEWG+ Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 24SOIC
					
MAX5270BCMh Analog Devices Inc./Maxim Integrated IC DAC 13BIT V-OUT 44MQFP	MAX5290BEUD+T Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 14TSSOP	MAX5270BEMH Analog Devices Inc./Maxim Integrated IC DAC 13BIT V-OUT 44MQFP	MAX5270AEMH Analog Devices / Maxim Integrated	MAX5290BEUE Analog Devices / Maxim Integrated	MAX528CWG+T Analog Devices Inc./Maxim Integrated IC DAC 8BIT V-OUT 24SOIC
					
MAX5294EUD+T Analog Devices Inc./Maxim Integrated IC DAC 8BIT V-OUT 14TSSOP	MAX527DCWG+ Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 24SOIC	MAX5291BEUE Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 16TSSOP	MAX5290AEUD Analog Devices / Maxim Integrated	MAX528CAG Analog Devices Inc./Maxim Integrated IC DAC 8BIT V-OUT 24SSOP	MAX527DCWG Analog Devices Inc./Maxim Integrated IC DAC 12BIT V-OUT 24SOIC

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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