



Image may be representation.
See specifications for product details.



MAX5593EUI+

Manufacturer Part Number	MAX5593EUI+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX5593EUI+
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 10BIT V-OUT 28TSSOP
Package	28-TSSOP (0.173", 4.40mm Width)
Data sheet	MAX5590-95.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX5593EUI+ - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX5593EUI+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX5593EUI+, please send us email: info@allelco.com

Specifications

MAX5593EUI+ Tech Specifications
MAX5593EUI+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	-40°C ~ 85°C
Voltage - Supply, Digital	1.8V ~ 5.25V	Number of D/A Converters	8
Voltage - Supply, Analog	2.7V ~ 5.25V	Number of Bits	10
Supplier Device Package	28-TSSOP	Mounting Type	Surface Mount
Settling Time	6µs	INL/DNL (LSB)	±0.5, ±1 (Max)
Series	-	Differential Output	No
Reference Type	External	Data Interface	SPI, DSP
Package / Case	28-TSSOP (0.173", 4.40mm Width)	Base Product Number	MAX5593
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 MAX5593EUI+

Product Attribute				
Part Number	MAX5593EUI+	MAX5584EUP+T	MAX5582EUP+T	MAX5580EUP+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Number of D/A Converters	8	4	4	4
Number of Bits	10	8	10	12
Package / Case	28-TSSOP (0.173", 4.40mm Width)	20-TSSOP (0.173', 4.40mm Width)	20-TSSOP (0.173', 4.40mm Width)	20-TSSOP (0.173', 4.40mm Width)
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered	Voltage - Buffered
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
INL/DNL (LSB)	±0.5, ±1 (Max)	±0.125, ±1 (Max)	±0.5, ±1 (Max)	±2, ±1 (Max)
Differential Output	No	No	No	No
Supplier Device Package	28-TSSOP	20-TSSOP	20-TSSOP	20-TSSOP
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Voltage - Supply, Digital	1.8V ~ 5.25V	1.8V ~ 5.25V	1.8V ~ 5.25V	1.8V ~ 5.25V
Data Interface	SPI, DSP	SPI, DSP	SPI, DSP	SPI, DSP
Settling Time	6µs	4µs	6µs	6µs
Reference Type	External	External	External	External
Voltage - Supply, Analog	2.7V ~ 5.25V	2.7V ~ 5.25V	2.7V ~ 5.25V	2.7V ~ 5.25V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Architecture	R-2R	R-2R	R-2R	R-2R
Base Product Number	MAX5593	MAX5584	MAX5582	MAX5580
Series	-	-	-	-

MAX5593EUI+ Datasheet PDF

Download MAX5593EUI+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX5593EUI+ - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX5590-95.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

Part Numbering Guide

[Part Numbering System.pdf](#)



PICing the MAX5591: Interfacing a PIC Microcontrol.pdf

Customers Also Interested in

Recommended Products



MAX5584EUP+T

Analog Devices Inc./Maxim Integrated
IC DAC 8BIT V-OUT 20TSSOP



MAX561CAI+

Analog Devices Inc./Maxim Integrated
IC TRANSCEIVER FULL 4/5 28SSOP



MAX560CAI+

Analog Devices Inc./Maxim Integrated
IC TRANSCEIVER FULL 4/5 28SSOP



MAX5582EUP+T

Analog Devices Inc./Maxim Integrated
IC DAC 10BIT V-OUT 20TSSOP



MAX5580BEUP+T

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



MAX5594EUG+

Analog Devices Inc./Maxim Integrated
IC DAC 8BIT V-OUT 24TSSOP



MAX5581AEUP

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



MAX560CAI+T

Analog Devices Inc./Maxim Integrated
IC TRANSCEIVER FULL 4/5 28SSOP



MAX560CAI

Analog Devices Inc./Maxim Integrated
IC TRANSCEIVER FULL 4/5 28SSOP



MAX5593EUI+T

Analog Devices Inc./Maxim Integrated
IC DAC 10BIT V-OUT 28TSSOP



MAX5582EUP+

Analog Devices Inc./Maxim Integrated
IC DAC 10BIT V-OUT 20TSSOP



MAX561CAI

Analog Devices Inc./Maxim Integrated
IC TRANSCEIVER FULL 4/5 28SSOP



MAX561CAI+T

Analog Devices Inc./Maxim Integrated
IC TRANSCEIVER FULL 4/5 28SSOP



MAX5582EUP

Analog Devices / Maxim Integrated



MAX561CWI

Analog Devices Inc./Maxim Integrated
IC TRANSCEIVER FULL 4/5 28SOIC



MAX5581BEUP

Analog Devices / Maxim Integrated



MAX5583EUP

Analog Devices / Maxim Integrated



MAX560CWI

Analog Devices Inc./Maxim Integrated
IC TRANSCEIVER FULL 4/5 28SO

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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