

Image may be representation.  
See specifications for product details.



## MAX5705BAUB+T

Manufacturer Part Number	<b>MAX5705BAUB+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX5705BAUB+T
ECAD Model	Request Free CAD Models
Parts Description	IC DAC 12BIT V-OUT 10UMAX
Package	10-TFSOP, 10-MSOP (0.118', 3.00mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX5705BAUB+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX5705BAUB+T datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX5705BAUB+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX5705BAUB+T Tech Specifications

MAX5705BAUB+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	1
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of Bits	12
Supplier Device Package	10-uMAX/uSOP	Mounting Type	Surface Mount
Settling Time	6.3µs (Typ)	INL/DNL (LSB)	±0.5, ±0.2
Series	-	Differential Output	No
Reference Type	External, Internal	Data Interface	SPI, DSP
Package / Case	10-TFSOP, 10-MSOP (0.118', 3.00mm Width)	Base Product Number	MAX5705
Package	Tape & Reel (TR)	Architecture	-
Output Type	Voltage - Buffered		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX5705BAUB+T

Product Attribute				
Part Number	MAX5705BAUB+T	MAX5721EUA+T	MAX5661GCB+	MAX5719GSD+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Data Interface	SPI, DSP	SPI, DSP	SPI	SPI, DSP
Voltage - Supply, Digital	2.7V ~ 5.5V	2.7V ~ 5.5V	5V	4.5V ~ 5.5V
Number of D/A Converters	1	2	1	1
Number of Bits	12	10	16	20
Settling Time	6.3µs (Typ)	10µs	-	1.5µs (Typ)
Architecture	-	String DAC	-	R-2R
Series	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tray	Tape & Reel (TR)
Package / Case	10-TFSOP, 10-MSOP (0.118', 3.00mm Width)	8-TSSOP, 8-MSOP (0.118', 3.00mm Width)	64-LQFP	14-SOIC (0.154", 3.90mm Width)
Reference Type	External, Internal	External	External	External
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Type	Voltage - Buffered	Voltage - Buffered	Voltage or Current - Buffered	Voltage - Unbuffered
Supplier Device Package	10-uMAX/uSOP	8-uMAX/uSOP	64-LQFP (10x10)	14-SOIC
Voltage - Supply, Analog	2.7V ~ 5.5V	2.7V ~ 5.5V	13.48V ~ 40V, ±13.48V ~ 15.75V	4.5V ~ 5.5V
Differential Output	No	No	No	No
Base Product Number	MAX5705	MAX5721	MAX5661	MAX5719
INL/DNL (LSB)	±0.5, ±0.2	±0.5, ±1 (Max)	±6, ±1 (Max)	±1, ±1
Operating Temperature	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 105°C	-40°C ~ 105°C

## MAX5705BAUB+T Datasheet PDF

Download MAX5705BAUB+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX5705BAUB+T - Analog Devices Inc./Maxim Integrated.

### Datasheets

Cylindrical Battery Holders.pdf

### Environmental Information

Maxim Integrated REACH.pdf

Maxim Integrated RoHS Cert.pdf

Red Phosphorous Certificate.pdf

### Part Numbering Guide

Part Numbering System.pdf

## Application Notes



Scaling Power-Supply Slopes with a Reliable Power-.pdf

## Customers Also Interested in

### Recommended Products



#### MAX5721EUA+T

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



#### MAX5678ETJ

Analog Devices / Maxim Integrated



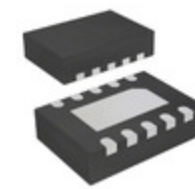
#### MAX5661GCB+

Analog Devices Inc./Maxim Integrated  
IC DAC 16BIT V OR A-OUT 64LQFP



#### MAX5719GSD+T

Analog Devices Inc./Maxim Integrated  
20-BIT VOLTAGE DAC



#### MAX5704ATB+T

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



#### MAX5712EUT

MAIXM



#### MAX5712EUT+T

Analog Devices Inc./Maxim Integrated  
IC DAC 12BIT V-OUT SOT23-6



#### MAX5715AAUD+T

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



#### MAX5721AUA+T

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



#### MAX5702AAUB+

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



#### MAX5678ETJ+

Analog Devices Inc./Maxim Integrated  
DIGITALLY PROGRAMMABLE LCD GAMMA



#### MAX5712EUT+

Analog Devices / Maxim Integrated



#### MAX5711EUT+T

Analog Devices Inc./Maxim Integrated  
IC DAC 10BIT V-OUT SOT23-6



#### MAX5721AUA+

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



#### MAX563CWN+

Analog Devices Inc./Maxim Integrated  
IC TRANSCEIVER FULL 2/2 18SOIC



#### MAX5702AAUB+T

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



#### MAX564JCSA

Analog Devices / Maxim Integrated



#### MAX5705BAUB+

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

## 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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