



Image may be representation.
See specifications for product details.



MAX11617EEE+T

Manufacturer Part Number	MAX11617EEE+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX11617EEE+T
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 12BIT SAR 16QSOP
Package	16-SSOP (0.154", 3.90mm Width)
Data sheet	MAX11612-17.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX11617EEE+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX11617EEE+T datasheet/specifications on AllelcoElec.com.
Request a quote for MAX11617EEE+T, please send us email: info@allelco.com

Specifications

MAX11617EEE+T Tech Specifications

MAX11617EEE+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Inputs	6, 12
Voltage - Supply, Digital	2.7V ~ 3.6V	Number of Bits	12
Voltage - Supply, Analog	2.7V ~ 3.6V	Number of A/D Converters	1
Supplier Device Package	16-QSOP	Mounting Type	Surface Mount
Series	-	Input Type	Differential, Single Ended
Sampling Rate (Per Second)	94.4k	Features	-
Reference Type	External, Internal	Data Interface	I ² C
Ratio - S/H:ADC	1:1	Configuration	MUX-S/H-ADC
Package / Case	16-SSOP (0.154", 3.90mm Width)	Base Product Number	MAX11617
Package	Tape & Reel (TR)	Architecture	SAR
Operating Temperature	-40°C ~ 85°C		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX11617EEE+T

Product Attribute				
Part Number	MAX11617EEE+T	MAX11614EEE+T	MAX11606EUA/V+T	MAX11605EEE/V+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Base Product Number	MAX11617	MAX11614	MAX11606	MAX11605
Package / Case	16-SSOP (0.154", 3.90mm Width)	16-SSOP (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	16-SSOP (0.154", 3.90mm Width)
Features	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	16-QSOP	16-QSOP	8-uMAX/uSOP	16-QSOP
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Number of Bits	12	12	10	8
Voltage - Supply, Analog	2.7V ~ 3.6V	5V	-	-
Data Interface	I ² C	I ² C	I ² C	I ² C
Number of A/D Converters	1	1	1	1
Sampling Rate (Per Second)	94.4k	94.4k	94.4k	188k
Input Type	Differential, Single Ended	Differential, Single Ended	Differential, Single Ended	Pseudo-Differential, Single Ended
Series	-	-	-	-
Number of Inputs	6, 12	4, 8	2, 4	6, 12
Voltage - Supply, Digital	2.7V ~ 3.6V	5V	4.5V ~ 5.5V	2.7V ~ 3.6V
Architecture	SAR	SAR	SAR	SAR
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Configuration	MUX-S/H-ADC	MUX-S/H-ADC	MUX-S/H-ADC	MUX-S/H-ADC

MAX11617EEE+T Datasheet PDF

Download MAX11617EEE+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX11617EEE+T - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX11612-17.pdf](#)


Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)


[Red Phosphorous Certificate.pdf](#)

[Material Declaration MAX11617EEE+T.pdf](#)

Part Numbering Guide

 Part Numbering System.pdf

Application Notes

 Overview of Sensor Signal Paths.pdf

Customers Also Interested in

Recommended Products



MAX11614EEE+T

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 16QSOP



MAX11627EEE

Analog Devices / Maxim Integrated



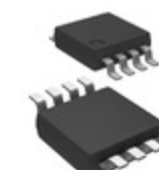
MAX11606EUA/V+T

Analog Devices Inc./Maxim Integrated
IC ADC 10BIT SAR 8UMAX



MAX11605EEE/V+T

Analog Devices Inc./Maxim Integrated
IC ADC 8BIT SAR 16QSOP



MAX11612EUA+T

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 8UMAX



MAX11613EUA+T

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 8UMAX



MAX11645EUA+T

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 8UMAX



MAX11615EEE+T

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 16QSOP



MAX11618EEE+

Analog Devices Inc./Maxim Integrated
IC ADC 10BIT SAR 16QSOP



MAX11626EEE+

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 16QSOP



MAX11611EEE+T

Analog Devices Inc./Maxim Integrated
IC ADC 10BIT SAR 16QSOP



MAX11646EUA+

Analog Devices Inc./Maxim Integrated
IC ADC 10BIT SAR 8UMAX



MAX1162BEUB+T

Analog Devices Inc./Maxim Integrated
IC ADC 16BIT SAR 10UMAX



MAX11626EEE+T

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 16QSOP



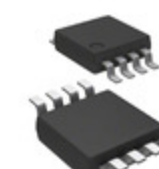
MAX11637EEE+

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 16QSOP



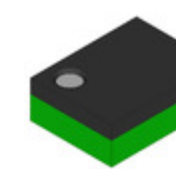
MAX11616EEE+

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 16QSOP



MAX11606EUA+

Analog Devices Inc./Maxim Integrated
IC ADC 10BIT SAR 8UMAX



MAX11613EWC+

Analog Devices Inc./Maxim Integrated
MAX11613 LOW-POWER, 4-CHANNEL, I

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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