



Image may be representation.
See specifications for product details.



MAX11600EKA+T

Manufacturer Part Number	MAX11600EKA+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX11600EKA+T
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 8BIT SAR SOT23-8
Package	SOT-23-8
Data sheet	MAX11600-05.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX11600EKA+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX11600EKA+T datasheet/specifications on AllelcoElec.com.
Request a quote for MAX11600EKA+T, please send us email: info@allelco.com

Specifications

MAX11600EKA+T Tech Specifications

MAX11600EKA+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Inputs	2, 4
Voltage - Supply, Digital	5V	Number of Bits	8
Voltage - Supply, Analog	5V	Number of A/D Converters	1
Supplier Device Package	SOT-23-8	Mounting Type	Surface Mount
Series	-	Input Type	Pseudo-Differential, Single Ended
Sampling Rate (Per Second)	188k	Features	-
Reference Type	External, Internal	Data Interface	I ² C
Ratio - S/H:ADC	1:1	Configuration	MUX-S/H-ADC
Package / Case	SOT-23-8	Base Product Number	MAX11600
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 MAX11600EKA+T

Product Attribute				
Part Number	MAX11600EKA+T	MAX1154BEUE+	MAX11605EEE/V+T	MAX114EAG
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Base Product Number	MAX11600	MAX1154	MAX11605	-
Data Interface	I ² C	SPI	I ² C	Parallel
Architecture	SAR	SAR	SAR	Flash
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Bulk
Sampling Rate (Per Second)	188k	94k	188k	1M
Number of A/D Converters	1	1	1	1
Package / Case	SOT-23-8	16-TSSOP (0.173", 4.40mm Width)	16-SSOP (0.154", 3.90mm Width)	24-SSOP (0.209", 5.30mm Width)
Number of Bits	8	10	8	8
Number of Inputs	2, 4	10	6, 12	4
Input Type	Pseudo-Differential, Single Ended	Differential, Single Ended	Pseudo-Differential, Single Ended	Single Ended
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Features	-	Temperature Sensor	-	-
Series	-	-	-	-
Configuration	MUX-S/H-ADC	MUX-S/H-ADC	MUX-S/H-ADC	MUX-S/H-ADC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Voltage - Supply, Analog	5V	2.7V ~ 5.5V	-	4.75V ~ 5.25V
Reference Type	External, Internal	External, Internal	External, Internal	External
Supplier Device Package	SOT-23-8	16-TSSOP	16-QSOP	24-SSOP
Voltage - Supply, Digital	5V	2.7V ~ 5.5V	2.7V ~ 3.6V	4.75V ~ 5.25V

MAX11600EKA+T Datasheet PDF

Download MAX11600EKA+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX11600EKA+T - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX11600-05.pdf](#)

Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)

[Material Declaration MAX11600EKA+T.pdf](#)

Part Numbering Guide



Part Numbering System.pdf

Application Notes



Overview of Sensor Signal Paths.pdf



Blood Pressure Monitor Design Considerations.pdf



Important Design Considerations for Digital Thermo.pdf



Margining and Calibration for Fun and Profit.pdf

Customers Also Interested in

Recommended Products



MAX1154BEUE+

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



MAX11605EEE/V+T

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



MAX1154AEUE

Analog Devices / Maxim Integrated



MAX114EAG

Analog Devices Inc./Maxim Integrated
4-CHANNEL, 8-BIT ADC



MAX1154BEUE+T

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



MAX11501USA+T

Analog Devices Inc./Maxim Integrated
IC VIDEO FILTER 8SOIC



MAX11500USA+T

Analog Devices Inc./Maxim Integrated
IC VIDEO FILTER 8SOIC



MAX11611EEE+T

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



MAX11604EEE+T

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



MAX11504CUB+T

Analog Devices Inc./Maxim Integrated
IC VIDEO FILTER 10UMAX



MAX11602EEE+T

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



MAX11605EEE+T

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



MAX11606EUA+

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



MAX115EAX

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 36SSOP



MAX1160

Analog Devices / Maxim Integrated



MAX11606EUA/V+T

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



MAX11601EKA+T

Analog Devices Inc./Maxim Integrated
IC ADC 8BIT SAR SOT23-8



MAX11601EKA

Analog Devices / Maxim Integrated

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
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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