



Image may be representation.
See specifications for product details.



MAX1038AEEE+T

Manufacturer Part Number	MAX1038AEEE+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX1038AEEE+T
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 8BIT SAR 16QSOP
Package	16-SSOP (0.154", 3.90mm Width)
Data sheet	MAX1036-39.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX1038AEEE+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX1038AEEE+T datasheet/specifications on AllelcoElec.com.
Request a quote for MAX1038AEEE+T, please send us email: info@allelco.com

Specifications

MAX1038AEEE+T Tech Specifications

MAX1038AEEE+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	5V	Number of Bits	8
Voltage - Supply, Analog	5V	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)	188k	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	MAX1038
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 MAX1038AEEE+T

Product Attribute				
Part Number	MAX1038AEEE+T	MAX1039AEEE	MAX1037EKA	MAX1035EUP+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Series	-	-	-	-
Number of A/D Converters	1	1	1	1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Input Type	Differential, Single Ended	Pseudo-Differential, Single Ended	Pseudo-Differential, Single Ended	Differential, Single Ended
Number of Bits	8	8	8	14
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Reference Type	External, Internal	External, Internal	External, Internal	External, Internal
Base Product Number	MAX1038	-	-	MAX1035
Supplier Device Package	16-QSOP	16-QSOP	SOT-23-8	20-TSSOP
Data Interface	I ² C	I ² C	I ² C	SPI
Package / Case	16-SSOP (0.154", 3.90mm Width)	16-SSOP (0.154", 3.90mm Width)	SOT-23-8	20-TSSOP (0.173", 4.40mm Width)
Voltage - Supply, Digital	5V	2.7V ~ 3.6V	2.7V ~ 3.6V	5V
Number of Inputs	6, 12	12	2, 4	2, 4
Package	Tape & Reel (TR)	Bulk	Bulk	Tube
Configuration	MUX-S/H-ADC	MUX-S/H-ADC	MUX-S/H-ADC	MUX-PGA-ADC
Sampling Rate (Per Second)	188k	188k	188k	115k
Voltage - Supply, Analog	5V	2.7V ~ 3.6V	2.7V ~ 3.6V	5V
Ratio - S/H:ADC	1:1	1:1	2:1	-
Features	-	Internal Oscillator	Internal Oscillator	PGA
Architecture	SAR	-	-	SAR

MAX1038AEEE+T Datasheet PDF

Download MAX1038AEEE+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX1038AEEE+T - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX1036-39.pdf](#)

Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)

[Material Declaration MAX1038AEEE+T.pdf](#)

Part Numbering Guide



Part Numbering System.pdf

Application Notes



High-Speed I²C for the MAX1239 ADC Using the MAXQ2.pdf

Customers Also Interested in

Recommended Products



MAX1039AEEE

Analog Devices Inc./Maxim Integrated
12-CHANNEL SERIAL 8-BIT ADC



MAX1037EKA

Analog Devices Inc./Maxim Integrated
ADC, SUCCESSIVE APPROXIMATION, 8



MAX1044EPA

Analog Devices Inc./Maxim Integrated
IC REG CHARGE PUMP INV 20MA 8DIP



MAX1035EUP+

Analog Devices Inc./Maxim Integrated
IC ADC 14BIT SAR 20TSSOP



MAX1030BEEG+

Analog Devices Inc./Maxim Integrated
IC ADC 10BIT SAR 24QSOP



MAX1044CSA

Analog Devices Inc./Maxim Integrated
IC REG CHARG PUMP INV 20MA 8SOIC



MAX1044CSA+T

Analog Devices Inc./Maxim Integrated
IC REG CHARG PUMP INV 20MA 8SOIC



MAX1044CPA

Analog Devices Inc./Maxim Integrated
IC REG CHARGE PUMP INV 20MA 8DIP



MAX1044CPA+

Analog Devices Inc./Maxim Integrated
IC REG CHARGE PUMP INV 20MA 8DIP



MAX1044CSA+

Analog Devices Inc./Maxim Integrated
IC REG CHARG PUMP INV 20MA 8SOIC



MAX1036EKA+T

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



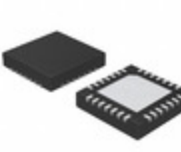
MAX1039AEEE+

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



MAX1037EKA+T

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



MAX1031BCTI+T

Analog Devices Inc./Maxim Integrated
IC ADC 10BIT SAR 28TQFN



MAX1039AEEE+T

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



MAX1038AEEE+

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



MAX1032BEUG+

Analog Devices Inc./Maxim Integrated
IC ADC 14BIT SAR 24TSSOP



MAX1033BEUP+T

Analog Devices Inc./Maxim Integrated
IC ADC 14BIT SAR 20TSSOP

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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