



Image may be representation.
See specifications for product details.



MAX1154BEUE+

Manufacturer Part Number	MAX1154BEUE+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX1154BEUE+
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 10BIT SAR 16TSSOP
Package	16-TSSOP (0.173", 4.40mm Width)
Data sheet	MAX1153-54.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX1154BEUE+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX1154BEUE+ datasheet/specifications on AllelcoElec.com.
Request a quote for MAX1154BEUE+, please send us email: info@allelco.com

Specifications

MAX1154BEUE+ Tech Specifications

MAX1154BEUE+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Inputs	10
Voltage - Supply, Digital	2.7V ~ 5.5V	Number of Bits	10
Voltage - Supply, Analog	2.7V ~ 5.5V	Number of A/D Converters	1
Supplier Device Package	16-TSSOP	Mounting Type	Surface Mount
Series	-	Input Type	Differential, Single Ended
Sampling Rate (Per Second)	94k	Features	Temperature Sensor
Reference Type	External, Internal	Data Interface	SPI
Ratio - S/H:ADC	1:1	Configuration	MUX-S/H-ADC
Package / Case	16-TSSOP (0.173", 4.40mm Width)	Base Product Number	MAX1154
Package	Tube	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 MAX1154BEUE+

Product Attribute				
Part Number	MAX1154BEUE+	MAX11604EEE+T	MAX11602EEE+T	MAX114CAG
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Configuration	MUX-S/H-ADC	MUX-S/H-ADC	MUX-S/H-ADC	MUX-S/H-ADC
Voltage - Supply, Digital	2.7V ~ 5.5V	5V	5V	4.75V ~ 5.25V
Number of A/D Converters	1	1	1	1
Voltage - Supply, Analog	2.7V ~ 5.5V	5V	5V	4.75V ~ 5.25V
Base Product Number	MAX1154	MAX11604	MAX11602	-
Series	-	-	-	-
Number of Bits	10	8	8	8
Features	Temperature Sensor	-	-	-
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Bulk
Architecture	SAR	SAR	SAR	Flash
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	16-TSSOP (0.173", 4.40mm Width)	16-SSOP (0.154", 3.90mm Width)	16-SSOP (0.154", 3.90mm Width)	24-SSOP (0.209", 5.30mm Width)
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Number of Inputs	10	6, 12	4, 8	4
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	0°C ~ 70°C
Supplier Device Package	16-TSSOP	16-QSOP	16-QSOP	24-SSOP
Sampling Rate (Per Second)	94k	188k	188k	1M
Data Interface	SPI	I ² C	I ² C	Parallel
Reference Type	External, Internal	External, Internal	External, Internal	External
Input Type	Differential, Single Ended	Pseudo-Differential, Single Ended	Pseudo-Differential, Single Ended	Single Ended

MAX1154BEUE+ Datasheet PDF

Download MAX1154BEUE+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX1154BEUE+ - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX1153-54.pdf](#)

Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)

[Material Declaration MAX1154BEUE+.pdf](#)

Part Numbering Guide



Part Numbering System.pdf

Application Notes



Temperature Monitoring Using the MAX1253/54 and MA.pdf

Customers Also Interested in

Recommended Products



MAX11604EEE+T

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



MAX11501USA+T

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



MAX11504CUB+T

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



MAX1154AEUE

Analog Devices / Maxim Integrated



MAX11601EKA

Analog Devices / Maxim Integrated



MAX114CNG

Analog Devices / Maxim Integrated



MAX11602EEE+T

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



MAX114CAG

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



MAX11600EKA+T

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



MAX11601EKA+T

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



MAX1160

Analog Devices / Maxim Integrated



MAX1154BEUE+T

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



MAX11500USA+T

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



MAX1149BEUP+T

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



MAX11605EEE+T

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



MAX114EAG

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



MAX114CAG+T

Analog Devices Inc./Maxim Integrated
IC ADC 8BIT FLASH 24SSOP



MAX115EAX

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

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



View More

