



Image may be representation.
See specifications for product details.



MAX6175BASA

Manufacturer Part Number	MAX6175BASA
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX6175BASA
ECAD Model	Request Free CAD Models
Parts Description	VOLTAGE REFERENCE
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	MAX6175BASA.pdf

Get a Quote

MAX6175BASA - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX6175BASA datasheet/specifications on AllelcoElec.com. Request a quote for MAX6175BASA, please send us email: info@allelco.com

Specifications

MAX6175BASA Tech Specifications
MAX6175BASA - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package	Bulk
Voltage - Output (Min/Fixed)	5V	Output Type	Fixed
Voltage - Input	7V ~ 40V	Operating Temperature	-40°C ~ 125°C
Tolerance	±0.1%	Noise - 10Hz to 10kHz	14.5µVrms
Temperature Coefficient	10ppm/°C	Noise - 0.1Hz to 10Hz	9µVp-p
Supplier Device Package	8-SOIC	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100	Current - Supply	700µA
Reference Type	Series	Current - Output	30 mA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	MAX6175

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX6175BASA

Product Attribute				
Part Number	MAX6175BASA	MAX6173BASA+T	MAX6176AASA+	MAX6175BASA/V+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Series	Automotive, AEC-Q100	-	-	Automotive, AEC-Q100
Voltage - Output (Min/Fixed)	5V	2.5V	10V	5V
Current - Output	30 mA	30 mA	30 mA	30 mA
Reference Type	Series	Series	Series	Series
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Temperature Coefficient	10ppm/°C	10ppm/°C	3ppm/°C	10ppm/°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Tolerance	±0.1%	±0.1%	±0.05%	±0.1%
Noise - 10Hz to 10kHz	14.5µVrms	6.8µVrms	29µVrms	14.5µVrms
Package	Bulk	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Base Product Number	MAX6175	MAX6173	MAX6176	MAX6175
Current - Supply	700µA	600µA	700µA	700µA
Output Type	Fixed	Fixed	Fixed	Fixed
Voltage - Input	7V ~ 40V	4.5V ~ 40V	12V ~ 40V	7V ~ 40V
Noise - 0.1Hz to 10Hz	9µVp-p	3.8µVp-p	18µVp-p	9µVp-p
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)

Customers Also Interested in

Recommended Products



MAX6173BASA+T
Analog Devices Inc./Maxim Integrated
IC VREF SERIES 0.1% 8SOIC



MAX6176AASA+
Analog Devices Inc./Maxim Integrated
IC VREF SERIES 0.05% 8SOIC



MAX6173BASA
Analog Devices / Maxim Integrated



MAX618EEE+
Analog Devices Inc./Maxim Integrated
IC REG BOOST ADJ 1.4A 16QSOP



MAX618EEE+T
Analog Devices Inc./Maxim Integrated
IC REG BOOST ADJ 1.4A 16QSOP



MAX6175BASA/V+T
Analog Devices Inc./Maxim Integrated
IC VREF SERIES 0.1% 8SOIC



MAX6175BASA+T
Analog Devices Inc./Maxim Integrated
IC VREF SERIES 0.1% 8SOIC



MAX6175AASA
Analog Devices / Maxim Integrated



MAX6174BESA/V+
Analog Devices / Maxim Integrated



MAX6175AASA+
Analog Devices Inc./Maxim Integrated
IC VREF SERIES 0.06% 8SOIC



MAX6174
NA



MAX6173AASA+T
Analog Devices Inc./Maxim Integrated
IC VREF SERIES 0.06% 8SOIC

**MAX6175AASA+T**

Analog Devices Inc./Maxim Integrated
IC VREF SERIES 0.06% 8SOIC

**MAX6190AESA+T**

Analog Devices Inc./Maxim Integrated
IC VREF SERIES 0.16% 8SOIC

**MAX6175BASA/V+**

Analog Devices Inc./Maxim Integrated
IC VREF SERIES 0.1% 8SOIC

**MAX6190AESA+**

Analog Devices Inc./Maxim Integrated
IC VREF SERIES 0.16% 8SOIC

**MAX6174BASA+**

Analog Devices Inc./Maxim Integrated
IC VREF SERIES 0.1% 8SOIC

**MAX6174AASA+**

Analog Devices Inc./Maxim Integrated
IC VREF SERIES 0.06% 8SOIC

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

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Email

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Certifications & Memberships



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