



Image may be representation.
See specifications for product details.



REF198ES

Manufacturer Part Number	REF198ES
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-REF198ES
ECAD Model	Request Free CAD Models
Parts Description	IC VREF SERIES 0.05% 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	REF19x Series.pdf

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REF198ES - Analog Devices Inc..New Original in Stock. Download Linear Technology REF198ES datasheet/specifications on AllelcoElec.com.
Request a quote for REF198ES, please send us email: info@allelco.com

Specifications

REF198ES Tech Specifications

REF198ES - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package	Tube
Voltage - Output (Min/Fixed)	4.096V	Output Type	Fixed
Voltage - Input	4.5V ~ 15V	Operating Temperature	-40°C ~ 85°C (TA)
Tolerance	±0.05%	Noise - 10Hz to 10kHz	-
Temperature Coefficient	5ppm/°C	Noise - 0.1Hz to 10Hz	40µVp-p
Supplier Device Package	8-SOIC	Mounting Type	Surface Mount
Series	REF19	Current - Supply	45µA
Reference Type	Series	Current - Output	30 mA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	REF198

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. REF198ES

Product Attribute				
Part Number	REF198ES	REF198GRUZ	REF196GSZ	REF198FS
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-
Supplier Device Package	8-SOIC	8-TSSOP	8-SOIC	8-SOIC
Output Type	Fixed	Fixed	Fixed	-
Package	Tube	Tube	Tube	Tube
Current - Output	30 mA	30 mA	30 mA	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Noise - 0.1Hz to 10Hz	40µVp-p	40µVp-p	33µVp-p	-
Series	REF19	REF19	REF19	REF19
Noise - 10Hz to 10kHz	-	-	-	-
Base Product Number	REF198	REF198	REF196	REF198
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-TSSOP (0.173", 4.40mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Tolerance	±0.05%	±0.24%	±0.3%	-
Temperature Coefficient	5ppm/°C	25ppm/°C	25ppm/°C	-
Current - Supply	45µA	45µA	45µA	-
Reference Type	Series	Series	Series	-
Voltage - Output (Min/Fixed)	4.096V	4.096V	3.3V	-
Voltage - Input	4.5V ~ 15V	4.5V ~ 15V	3.5V ~ 15V	-

REF198ES Datasheet PDF

Download REF198ES pdf datasheets and Analog Devices Inc. documentation for REF198ES - Analog Devices Inc..

Datasheets

[REF19x Series.pdf](#)

PCN Obsolescence/ EOL

[Multiple Devices Family 27/Oct/2011.pdf](#)

Customers Also Interested in

Recommended Products

**REF196GSZ-R**

ADI (Analog Devices, Inc.)

**REF198GRUZ**Analog Devices Inc.
IC VREF SERIES 0.24% 8TSSOP**REF198GPZ**

ADI (Analog Devices, Inc.)

**REF196GSZ**Analog Devices Inc.
IC VREF SERIES 0.3% 8SOIC**REF198FS**Analog Devices Inc.
IC VREF SERIES PREC 4.096V 8SOIC**REF198ES-REEL**Analog Devices Inc.
IC VREF SERIES 0.05% 8SOIC**REF196GSZ-REEL7**Analog Devices Inc.
IC VREF SERIES 0.3% 8SOIC**REF196GRUZ-REEL7**Analog Devices Inc.
IC VREF SERIES 0.3% 8TSSOP**REF196GPZ**

ADI (Analog Devices, Inc.)

**REF198ESZ-REEL**Analog Devices Inc.
IC VREF SERIES 0.05% 8SOIC**REF196GSZ-REEL**Analog Devices Inc.
IC VREF SERIES 0.3% 8SOIC**REF198ESZ-REEL7**Analog Devices Inc.
IC VREF SERIES 0.05% 8SOIC**REF198FSZ-REEL**Analog Devices Inc.
IC VREF SERIES 0.12% 8SOIC**REF196GP**Analog Devices Inc.
3.3V VOLTAGE REFERENCE**REF196GS****REF198FSZ**Analog Devices Inc.
IC VREF SERIES 0.12% 8SOIC**REF198ESZ**Analog Devices Inc.
IC VREF SERIES 0.05% 8SOIC**REF198GP**Analog Devices Inc.
IC VREF SRS PREC 4.096V 8-DIP

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 Alleco 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.



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Certifications & Memberships



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