

Image may be representation.
See specifications for product details.



MAX187BCWE+

Manufacturer Part Number	MAX187BCWE+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX187BCWE+
ECAD Model	Request Free CAD Models
Parts Description	IC ADC 12BIT SAR 16SOIC
Package	16-SOIC (0.295", 7.50mm Width)
Data sheet	MAX187,189.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX187BCWE+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX187BCWE+ datasheet/specifications on AllelcoElec.com. Request a quote for MAX187BCWE+, please send us email: info@allelco.com

Specifications

MAX187BCWE+ Tech Specifications

MAX187BCWE+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Inputs	1
Voltage - Supply, Digital	5V	Number of Bits	12
Voltage - Supply, Analog	5V	Number of A/D Converters	1
Supplier Device Package	16-SOIC	Mounting Type	Surface Mount
Series	-	Input Type	Single Ended
Sampling Rate (Per Second)	75k	Features	-
Reference Type	Internal	Data Interface	SPI
Ratio - S/H:ADC	1:1	Configuration	S/H-ADC
Package / Case	16-SOIC (0.295", 7.50mm Width)	Base Product Number	MAX187
Package	Tube	Architecture	SAR
Operating Temperature	0°C ~ 70°C		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX187BCWE+

Product Attribute				
Part Number	MAX187BCWE+	MAX187BEWE	MAX187BCPA	MAX187BCWE+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Architecture	SAR	SAR	SAR	SAR
Input Type	Single Ended	Single Ended	Single Ended	Single Ended
Package / Case	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)	8-DIP (0.300", 7.62mm)	16-SOIC (0.295", 7.50mm Width)
Supplier Device Package	16-SOIC	16-SOIC	8-PDIP	16-SOIC
Operating Temperature	0°C ~ 70°C	-40°C ~ 85°C	0°C ~ 70°C	0°C ~ 70°C
Voltage - Supply, Digital	5V	5V	5V	5V
Configuration	S/H-ADC	S/H-ADC	S/H-ADC	S/H-ADC
Number of Bits	12	12	12	12
Number of A/D Converters	1	1	1	1
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Series	-	-	-	-
Package	Tube	Tube	Tube	Tape & Reel (TR)
Sampling Rate (Per Second)	75k	75k	75k	75k
Data Interface	SPI	SPI	SPI	SPI
Base Product Number	MAX187	MAX187	MAX187	MAX187
Ratio - S/H:ADC	1:1	1:1	1:1	1:1
Features	-	-	-	-
Number of Inputs	1	1	1	1
Reference Type	Internal	Internal	Internal	Internal
Voltage - Supply, Analog	5V	5V	5V	5V

MAX187BCWE+ Datasheet PDF

Download MAX187BCWE+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX187BCWE+ - Analog Devices Inc./Maxim Integrated.

Datasheets


[MAX187,189.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)


[Maxim Integrated RoHS Cert.pdf](#)

Part Numbering Guide

 Part Numbering System.pdf

Application Notes

 PC Serial Port Drives 12-Bit A/D Converter.pdf

 Interfacing the MAX187 to the TMS320C3X Evaluation.pdf

Customers Also Interested in

Recommended Products



MAX187BEWE

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 16SOIC



MAX187BCPA

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 8DIP



MAX187BCWE+T

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 16SOIC



MAX187AEWE

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 16SOIC



MAX187BCPA+

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 8DIP



MAX187BCWE

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 16SOIC



MAX1880EUG

Analog Devices / Maxim Integrated



MAX187ACWE+T

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 16SOIC



MAX1879EUA

Analog Devices / Maxim Integrated



MAX1881EUG+

Analog Devices Inc./Maxim Integrated
IC REG CONV TFT LCD 4OUT 24TSSOP



MAX1880EUG+T

Analog Devices Inc./Maxim Integrated
IC REG CONV TFT LCD 4OUT 24TSSOP



MAX187BEWE+

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 16SOIC



MAX187CPA

Analog Devices / Maxim Integrated



MAX1879EUA-T

Analog Devices / Maxim Integrated



MAX1886EZX

Analog Devices Inc./Maxim Integrated
HIGH-CURRENT VCOM DRIVE BUFFER



MAX187AEPA

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 8DIP



MAX1879EUA+T

Analog Devices Inc./Maxim Integrated
IC BATT CHG LI-ION 1CELL 8UMAX



MAX187AEWE+

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 16SOIC

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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