



Image may be representation.
See specifications for product details.



MAX1659ESA

Manufacturer Part Number	MAX1659ESA
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX1659ESA
ECAD Model	Request Free CAD Models
Parts Description	IC REG LIN POS ADJ 350MA 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	MAXREFDES5# Ref Design.pdf MAXREFDES11# Ref Design.pdf MAXREFDES6# Quick Start Guide.pdf MAX1658-59.pdf MAXREFDES7#.pdf MAXREFDES4# Ref Design.pdf

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MAX1659ESA - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX1659ESA datasheet/specifications on AllelcoElec.com. Request a quote for MAX1659ESA, please send us email: info@allelco.com

Specifications

MAX1659ESA Tech Specifications

MAX1659ESA - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	PSRR	-
Voltage Dropout (Max)	0.875V @ 350mA	Output Type	Adjustable (Fixed)
Voltage - Output (Min/Fixed)	1.25V (5V)	Output Configuration	Positive
Voltage - Output (Max)	16V	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Input (Max)	16.5V	Number of Regulators	1
Supplier Device Package	8-SOIC	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	60 µA
Protection Features	Over Current, Over Temperature, Reverse Polarity	Current - Output	350mA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Control Features	Enable
Package	Tube	Base Product Number	MAX1659

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX1659ESA

Product Attribute				
Part Number	MAX1659ESA	MAX1659ESA+T	MAX1658ESA+T	MAX1658ESA
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Protection Features	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature, Reverse Polarity
Series	-	-	-	-
Base Product Number	MAX1659	MAX1659	MAX1658	MAX1658
Current - Output	350mA	350mA	350mA	350mA
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)
Voltage - Input (Max)	16.5V	16.5V	16.5V	16.5V
Control Features	Enable	Enable	Enable	Enable
Number of Regulators	1	1	1	1
Output Configuration	Positive	Positive	Positive	Positive
Current - Quiescent (Iq)	60 µA	60 µA	60 µA	60 µA
PSRR	-	-	-	-
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Voltage Dropout (Max)	0.875V @ 350mA	0.875V @ 350mA	1.5V @ 350mA	1.5V @ 350mA
Voltage - Output (Max)	16V	16V	16V	16V
Voltage - Output (Min/Fixed)	1.25V (5V)	1.25V (5V)	1.25V (3.3V)	1.25V (3.3V)
Output Type	Adjustable (Fixed)	Adjustable (Fixed)	Adjustable (Fixed)	Adjustable (Fixed)
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube

MAX1659ESA Datasheet PDF

Download MAX1659ESA pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX1659ESA - Analog Devices Inc./Maxim Integrated.

Datasheets

MAXREFDES11# Ref Design.pdf	MAXREFDES6# Quick Start Guide.pdf	MAXREFDES7#.pdf
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Environmental Information

MAX1659ESA Environmental Information
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Maxim Integrated REACH.pdf

Maxim Integrated RoHS Cert.pdf

Part Numbering Guide

Part Numbering System.pdf

HTML Datasheet

MAXREFDES5# Ref Design.pdf

MAX1658-59.pdf

MAXREFDES4# Ref Design.pdf

Application Notes

Carmel (MAXREF*DES18#) LX9 Quick Start Guide.pdf

Carmel (MAXREFDES18#) ZedBoard Quick Start Guide.pdf

Fremont (MAXREFDES6#) ZedBoard Quick Start Guide.pdf

PCN Obsolescence/ EOL

Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products



MAX1655EEE+T

Analog Devices Inc./Maxim Integrated
IC REG CTRLR BUCK 16QSOP



MAX1659ESA+T

Analog Devices Inc./Maxim Integrated
IC REG LIN POS ADJ 350MA 8SOIC



MAX16600GGN+T

Analog Devices / Maxim Integrated



MAX1660EEE+T

Analog Devices Inc./Maxim Integrated
IC BATT MONITOR 16QSOP



MAX1661EUB+T

Analog Devices / Maxim Integrated



MAX1655EEE

Analog Devices Inc./Maxim Integrated
IC REG CTRLR BUCK 16QSOP



MAX1655ESE

Analog Devices Inc./Maxim Integrated
IC REG CTRLR BUCK 16SOIC



MAX1655EEE+

Analog Devices Inc./Maxim Integrated
IC REG CTRLR BUCK 16QSOP



MAX1658ESA+T

Analog Devices Inc./Maxim Integrated
IC REG LIN POS ADJ 350MA 8SOIC



MAX1664EUP

Analog Devices Inc./Maxim Integrated
IC REG CONV LCD 30UT 20TSSOP



MAX1660EEE

Analog Devices Inc./Maxim Integrated
IC BATT MON FUEL GAUGE 16QSOP



MAX165BCWN

Analog Devices Inc./Maxim Integrated
IC ADC 8BIT SAR 18SOIC



MAX165BEPN

Analog Devices Inc./Maxim Integrated
IC ADC 8BIT SAR 18DIP



MAX1658ESA

Analog Devices Inc./Maxim Integrated
IC REG LIN POS ADJ 350MA 8SOIC



MAX1655ESE+

Analog Devices Inc./Maxim Integrated
IC REG CTRLR BUCK 16SOIC



MAX1664CUP

Analog Devices Inc./Maxim Integrated
IC REG CONV LCD 30UT 20TSSOP



MAX1655ESE+T

Analog Devices Inc./Maxim Integrated
IC REG CTRLR BUCK 16SOIC



MAX16550GPN+T

Analog Devices Inc./Maxim Integrated
IC INTERFACE SPECIALIZED 30A

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

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