



Image may be representation.
See specifications for product details.



MAX1627ESA

Manufacturer Part Number	MAX1627ESA
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX1627ESA
ECAD Model	Request Free CAD Models
Parts Description	IC REG CTRLR BUCK 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf

Get a Quote

MAX1627ESA - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX1627ESA datasheet/specifications on AllelcoElec.com. Request a quote for MAX1627ESA, please send us email: info@allelco.com

Specifications

MAX1627ESA Tech Specifications
MAX1627ESA - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Output Configuration	Positive
Voltage - Supply (Vcc/Vdd)	3V ~ 16.5V	Operating Temperature	-40°C ~ 85°C (TA)
Topology	Buck	Number of Outputs	1
Synchronous Rectifier	No	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC	Function	Step-Down
Series	-	Frequency - Switching	300kHz
Serial Interfaces	-	Duty Cycle (Max)	100%
Package / Case	8-SOIC (0.154", 3.90mm Width)	Control Features	Enable
Package	Tube	Clock Sync	No
Output Type	Transistor Driver	Base Product Number	MAX1627
Output Phases	1		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX1627ESA

Product Attribute				
Part Number	MAX1627ESA	MAX1626ESA	MAX1626ESA-T	MAX1626ESA+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Series	-	-	-	-
Clock Sync	No	No	No	No
Output Configuration	Positive	Positive	Positive	Positive
Base Product Number	MAX1627	MAX1626	MAX1626	MAX1626
Control Features	Enable	Enable	Enable	Enable
Topology	Buck	Buck	Buck	Buck
Output Type	Transistor Driver	Transistor Driver	Transistor Driver	Transistor Driver
Serial Interfaces	-	-	-	-
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
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)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Phases	1	1	1	1
Number of Outputs	1	1	1	1
Package	Tube	Tube	Tape & Reel (TR)	Tube
Synchronous Rectifier	No	No	No	No
Voltage - Supply (Vcc/Vdd)	3V ~ 16.5V	3V ~ 16.5V	3V ~ 16.5V	3V ~ 16.5V
Duty Cycle (Max)	100%	100%	100%	100%
Frequency - Switching	300kHz	300kHz	300kHz	300kHz
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Function	Step-Down	Step-Down	Step-Down	Step-Down

MAX1627ESA Datasheet PDF

Download MAX1627ESA pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX1627ESA - Analog Devices Inc./Maxim Integrated.

Datasheets

Cylindrical Battery Holders.pdf

Environmental Information

Maxim Integrated REACH.pdf

Maxim Integrated RoHS Cert.pdf

Red Phosphorous Certificate.pdf

Material Declaration MAX1627ESA.pdf

Part Numbering Guide

Part Numbering System.pdf

PCN Obsolescence/ EOL

Cylindrical Battery Holders.pdf

Application Notes

Two AA Cells Power Step-Down Regulator and 3.3V Bo.pdf

Source Resistance: The Efficiency Killer in DC-DC .pdf

Customers Also Interested in

Recommended Products



MAX1627CSA

Analog Devices / Maxim Integrated

MAX1626ESA

Analog Devices Inc./Maxim Integrated
IC REG CTRLR BUCK 8SOIC

MAX162BCWG+

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT 3US H-SPEED 24-SOIC

MAX162CCNG

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 24DIP

MAX1623EAP+

Analog Devices Inc./Maxim Integrated
IC REG BUCK ADJ/PROG 3A 20SSOP

MAX1626ESA-T

Analog Devices Inc./Maxim Integrated
IC REG CTRLR BUCK 8SOIC



MAX162ACWG+

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 24SOIC

MAX1623EAP+T

Analog Devices Inc./Maxim Integrated
IC REG BUCK ADJ/PROG 3A 20SSOP

MAX1626ESA+

Analog Devices Inc./Maxim Integrated
IC REG CTRLR BUCK 8SOIC

MAX162ACNG

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 24DIP

MAX1626ESA+T

Analog Devices Inc./Maxim Integrated
IC REG CTRLR BUCK 8SOIC

MAX162BCNG+

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 24DIP



MAX1625ESE-T

Analog Devices / Maxim Integrated

MAX1623EAP-T

Analog Devices / Maxim Integrated

MAX162ACNG+

Analog Devices Inc./Maxim Integrated
IC ADC 12BIT SAR 24DIP

MAX1627ESA+T

Analog Devices Inc./Maxim Integrated
IC REG CTRLR BUCK 8SOIC

MAX1627ESA+

Analog Devices Inc./Maxim Integrated
IC REG CTRLR BUCK 8SOIC

MAX1624EAG

Analog Devices Inc./Maxim Integrated
IC CTRLR HS STPDWN SYNC 24-SSOP

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
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Certifications & Memberships



View More

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