



Image may be representation.
See specifications for product details.



ICL7660ESA

Manufacturer Part Number	ICL7660ESA
Manufacturer	Maxim Integrated
Allelco Part Number	32D-ICL7660ESA
ECAD Model	Request Free CAD Models
Parts Description	IC REG CHARG PUMP INV 20MA 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	ICL7660ESA.pdf

Get a Quote

ICL7660ESA - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology ICL7660ESA datasheet/specifications on AllelcoElec.com.
Request a quote for ICL7660ESA, please send us email: info@allelco.com

Specifications

ICL7660ESA Tech Specifications
ICL7660ESA - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package	Tube
Voltage - Output (Min/Fixed)	-Vin, nVin, Vin/2	Output Type	Fixed
Voltage - Output (Max)	-	Output Configuration	Positive or Negative
Voltage - Input (Min)	1.5V	Operating Temperature	-40°C ~ 85°C (TA)
Voltage - Input (Max)	10V	Number of Outputs	1
Topology	Charge Pump	Mounting Type	Surface Mount
Synchronous Rectifier	No	Function	Ratiometric
Supplier Device Package	8-SOIC	Frequency - Switching	10kHz
Series	-	Current - Output	20mA
Package / Case	8-SOIC (0.154', 3.90mm Width)	Base Product Number	ICL7660

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated ICL7660ESA

Product Attribute				
Part Number	ICL7660ESA	ICL7660ESA+T	ICL7660CSA+T	ICL7660CSA+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Voltage - Input (Max)	10V	10V	10V	10V
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Topology	Charge Pump	Charge Pump	Charge Pump	Charge Pump
Frequency - Switching	10kHz	10kHz	10kHz	10kHz
Voltage - Output (Min/Fixed)	-Vin, nVin, Vin/2	-Vin, nVin, Vin/2	-Vin, nVin, Vin/2	-Vin, nVin, Vin/2
Series	-	-	-	-
Number of Outputs	1	1	1	1
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Synchronous Rectifier	No	No	No	No
Function	Ratiometric	Ratiometric	Ratiometric	Ratiometric
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tube
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 (Min)	1.5V	1.5V	1.5V	1.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	ICL7660	ICL7660	ICL7660	ICL7660
Current - Output	20mA	20mA	20mA	20mA
Output Configuration	Positive or Negative	Positive or Negative	Positive or Negative	Positive or Negative
Output Type	Fixed	Fixed	Fixed	Fixed
Voltage - Output (Max)	-	-	-	-

ICL7660ESA Datasheet PDF

Download ICL7660ESA pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for ICL7660ESA - Analog Devices Inc./Maxim Integrated.


Environmental Information


Maxim Integrated REACH.pdf	Maxim Integrated RoHS Cert.pdf	Red Phosphorous Certificate.pdf
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Material Declaration ICL7660ESA.pdf

PCN Obsolescence/ EOL



















Cylindrical Battery Holders.pdf

 DC-DC Conversion Without Inductors.pdf

 Lower Operating Frequency Improves ICL7660 Voltage.pdf

Customers Also Interested in

Recommended Products

					
ICL7660ESA+T Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP INV 20MA 8SOIC	ICL7660CSA-TG068 Analog Devices / Maxim Integrated	ICL7660CSA+T Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP INV 20MA 8SOIC	ICL7660MTV HAR	ICL7660CSA+ Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP INV 20MA 8SOIC	ICL7660CSA Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP INV 20MA 8SOIC
					
ICL7660ESA+ Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP INV 20MA 8SOIC	ICL7660ISA Analog Devices / Maxim Integrated	ICL7660EPA+ Analog Devices Inc./Maxim Integrated IC REG CHARGE PUMP INV 20MA 8DIP	ICL7660ISA-T Analog Devices / Maxim Integrated	ICL7660EPA Analog Devices Inc./Maxim Integrated SWITCHED-CAP VOLTAGE CONVERTER	ICL7660ISA+ Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP INV 20MA 8SOIC
					
ICL7660ISA+T Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP INV 20MA 8SOIC	ICL7660CS Analog Devices / Maxim Integrated	ICL7660SCBA Intersil SWITCHED CAPACITOR CONVERTER	ICL7660CPAZ Renesas Electronics America Inc IC REG CHARGE PUMP INV 45MA 8DIP	ICL7660ESA-T Analog Devices Inc./Maxim Integrated IC REG CHARG PUMP INV 20MA 8SOIC	ICL7660M/TR HGSEMI

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
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Contact us if you have any questions.

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Certifications & Memberships



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Contact us

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