

Image may be representation.
See specifications for product details.



TC7660HEOA

Manufacturer Part Number	TC7660HEOA
Manufacturer	Microchip Technology
Allelco Part Number	32D-TC7660HEOA
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG CHARG PUMP INV 20MA 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	Analog and Interface Product Guide.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TC7660HEOA - Microchip Technology. New Original in Stock. Download Linear Technology TC7660HEOA datasheet/specifications on AllelcoElec.com. Request a quote for TC7660HEOA, please send us email: info@allelco.com

Specifications

TC7660HEOA Tech Specifications
TC7660HEOA - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tube
Voltage - Output (Min/Fixed)	-Vin, 2Vin	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	120kHz
Series	-	Current - Output	20mA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	TC7660

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology TC7660HEOA

Product Attribute				
Part Number	TC7660HEOA	TC7660HCPA	TC7660EPA	TC7660SEOA713
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Output (Min/Fixed)	-Vin, 2Vin	-Vin, 2Vin	-Vin, 2Vin	-Vin, 2Vin
Synchronous Rectifier	No	No	No	No
Output Type	Fixed	Fixed	Fixed	Fixed
Number of Outputs	1	1	1	1
Operating Temperature	-40°C ~ 85°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Frequency - Switching	120kHz	120kHz	10kHz	10kHz ~ 45kHz
Supplier Device Package	8-SOIC	8-PDIP	8-PDIP	8-SOIC
Voltage - Input (Max)	10V	10V	10V	12V
Current - Output	20mA	20mA	20mA	20mA
Topology	Charge Pump	Charge Pump	Charge Pump	Charge Pump
Mounting Type	Surface Mount	Through Hole	Through Hole	Surface Mount
Voltage - Output (Max)	-	-	-	-
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	8-DIP (0.300", 7.62mm)	8-SOIC (0.154", 3.90mm Width)
Output Configuration	Positive or Negative	Positive or Negative	Positive or Negative	Positive or Negative
Series	-	-	-	-
Package	Tube	Tube	Tube	Tape & Reel (TR)
Voltage - Input (Min)	1.5V	1.5V	1.5V	1.5V
Function	Ratiometric	Ratiometric	Ratiometric	Ratiometric
Base Product Number	TC7660	TC7660	TC7660	TC7660

TC7660HEOA Datasheet PDF

Download TC7660HEOA pdf datasheets and Microchip Technology documentation for TC7660HEOA - Microchip Technology.

Datasheets

[Analog and Interface Product Guide.pdf](#)

PCN Packaging



















[Label and Packing Changes 23/Sep/2015.pdf](#)

[Packing Changes 10/Oct/2016.pdf](#)

Other Related Documents

Customers Also Interested in

Recommended Products

					
TC7660HCPA Microchip Technology IC REG CHARG PUMP INV 20MA 8DIP	TC7660EPA Microchip Technology IC REG CHARG PUMP INV 20MA 8DIP	TC7660SEOA713 Microchip Technology IC REG CHARG PUMP INV 20MA 8SOIC	TC7660EOA Microchip Technology IC REG CHARG PUMP INV 20MA 8SOIC	TC7660EOA713 Microchip Technology IC REG CHARG PUMP INV 20MA 8SOIC	TC7660MEOA Micrel / Microchip Technology
					
TC7660SCOA713 Microchip Technology IC REG CHARG PUMP INV 20MA 8SOIC	TC7660HEOA713 Microchip Technology IC REG CHARG PUMP INV 20MA 8SOIC	TC7660IOA Micrel / Microchip Technology	TC7662ACPA Microchip Technology IC REG CHARG PUMP INV 40MA 8DIP	TC7660COA713 Microchip Technology IC REG CHARG PUMP INV 20MA 8SOIC	TC7660HCOA Microchip Technology IC REG CHARG PUMP INV 20MA 8SOIC
					
TC7660HEOA713 Micrel / Microchip Technology	TC7660COA Microchip Technology IC REG CHARG PUMP INV 20MA 8SOIC	TC7660BCOA713 Micrel / Microchip Technology	TC7660CPA Microchip Technology IC REG CHARG PUMP INV 20MA 8DIP	TC7660SEOA Microchip Technology IC REG CHARG PUMP INV 20MA 8SOIC	TC7660SCOA Microchip Technology IC REG CHARG PUMP INV 20MA 8SOIC

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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