

Image may be representation.  
See specifications for product details.



## LTM8071IY

Manufacturer Part Number	<b>LTM8071IY</b>
Manufacturer	<b>Analog Devices, Inc.</b>
Allelco Part Number	32D-LTM8071IY
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DC DC CONVERTER 0.97-15V
Package	80-BBGA Module
Data sheet	<a href="#">LTpowerCAD II Quick Start Guide.pdf</a> <a href="#">LTM8071.pdf</a>
RoHs Status	ROHS3 Compliant

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LTM8071IY - Analog Devices Inc..New Original in Stock. Download Linear Technology LTM8071IY datasheet/specifications on AllelcoElec.com.  
Request a quote for LTM8071IY, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

LTM8071IY Tech Specifications

LTM8071IY - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package / Case	80-BBGA Module
Voltage - Output 4	-	Package	Tray
Voltage - Output 3	-	Operating Temperature	-40°C ~ 125°C
Voltage - Output 2	-	Number of Outputs	1
Voltage - Output 1	0.97 ~ 15V	Mounting Type	Surface Mount
Voltage - Input (Min)	3.6V	Features	OCP, OTP, SCP
Voltage - Input (Max)	60V	Efficiency	-
Type	Non-Isolated PoL Module	Current - Output (Max)	5A
Supplier Device Package	80-BGA (11.25x9)	Base Product Number	LTM8071
Size / Dimension	0.44" L x 0.35" W x 0.14" H (11.3mm x 9.0mm x 3.5mm)	Applications	ITE (Commercial)
Series	µModule®		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. LTM8071IY

Product Attribute				
Part Number	LTM8071IY	LTM8068EY#PBF	LTM8073EY#PBF	LTM8067EY#PBF
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Voltage - Output 3	-	-	-	-
Base Product Number	LTM8071	LTM8068	LTM8073	LTM8067
Voltage - Output 4	-	-	-	-
Number of Outputs	1	2	1	1
Package	Tray	Tray	Tray	Tray
Supplier Device Package	80-BGA (11.25x9)	38-BGA (11.25x9)	48-BGA (9x6.25)	38-BGA (11.25x9)
Series	µModule®	µModule®	µModule®	µModule®
Features	OCP, OTP, SCP	UVLO	-	UVLO
Current - Output (Max)	5A	450mA, 300mA	3A	450mA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Efficiency	-	-	-	-
Type	Non-Isolated PoL Module	Isolated Module	Non-Isolated PoL Module	Isolated Module
Size / Dimension	0.44" L x 0.35" W x 0.14" H (11.3mm x 9.0mm x 3.5mm)	0.44" L x 0.35" W x 0.19" H (11.3mm x 9.0mm x 4.9mm)	0.35" L x 0.25" W x 0.13" H (9.0mm x 6.3mm x 3.3mm)	0.44" L x 0.35" W x 0.19" H (11.3mm x 9.0mm x 4.9mm)
Voltage - Output 2	-	1.2 ~ 18V	-	-
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Applications	ITE (Commercial)	ITE (Commercial)	ITE (Commercial)	ITE (Commercial)
Voltage - Output 1	0.97 ~ 15V	2.5 ~ 18V	0.8 ~ 15V	2.5 ~ 24V
Package / Case	80-BBGA Module	38-BBGA Module	48-BBGA Module	38-BBGA Module
Voltage - Input (Min)	3.6V	2.8V	3.4V	2.8V
Voltage - Input (Max)	60V	40V	60V	40V

## LTM8071IY Datasheet PDF

Download LTM8071IY pdf datasheets and Analog Devices Inc. documentation for LTM8071IY - Analog Devices Inc..

### Datasheets

[LTpowerCAD II Quick Start Guide.pdf](#)

[LTM8071.pdf](#)

### PCN Design/Specification

Mark Conversion 21/Jul/2021.pdf

### Getting Started Guide

LTpowerPlanner III Quick Start Guide.pdf

### Other Related Documents

Is it Possible to Fit Low EMI Power Supplies onto .pdf

### PCN Assembly/Origin

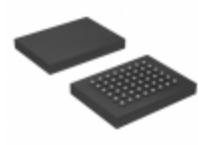
LTM8071x 07/Sep/2022.pdf

## Customers Also Interested in

### Recommended Products



**LTM8068EY#PBF**  
Analog Devices Inc.  
DC DC CONVERTER 2.5-18V 1.2-18V



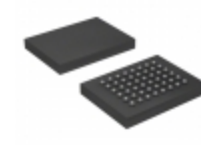
**LTM8073EY#PBF**  
Analog Devices Inc.  
DC DC CONVERTER 0.8-15V



**LTM8067EY#PBF**  
Analog Devices Inc.  
DC DC CONVERTER 2.5-24V



**LTM8078IY#PBF**  
Analog Devices Inc.  
DUAL 40VIN, 3A SILENT SWITCR UMO



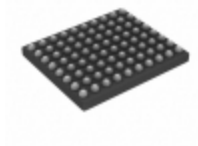
**LTM8073IY#PBF**  
Analog Devices Inc.  
DC DC CONVERTER 0.8-15V



**LTM8074**  
LT



**LTM8068IY**  
Analog Devices Inc.  
DC DC CONVERTER 2.5-18V 1.2-18V



**LTM8071EY#PBF**  
Analog Devices Inc.  
DC DC CONVERTER 0.97-15V



**LTM8064IY#PBF**  
Analog Devices Inc.  
DC DC CONVERTER 1.2-36V



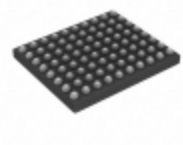
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Analog Devices Inc.  
DC DC CONVERTER 0.97-18V



**LTM8067IY#PBF**  
Analog Devices Inc.  
DC DC CONVERTER 2.5-24V



**LTM8068IY#PBF**  
Analog Devices Inc.  
DC DC CONVERTER 2.5-18V 1.2-18V



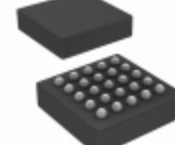
**LTM8071IY#PBF**  
Analog Devices Inc.  
DC DC CONVERTER 0.97-15V



**LTM8078EY#PBF**  
Analog Devices Inc.  
DUAL 40VIN, 3A SILENT SWITCR UMO



**LTM8065IY#PBF**  
Analog Devices Inc.  
DC DC CONVERTER 0.97-18V



**LTM8074EY#PBF**  
Analog Devices Inc.  
IC REG BUCK ADJ 1.2A 25BGA



**LTM8065IY**  
ADI (Analog Devices, Inc.)



**LTM8074IY#PBF**  
Analog Devices Inc.  
IC REG BUCK ADJ 1.2A 25BGA

## 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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