

Image may be representation.
See specifications for product details.



LTM4630IY

Manufacturer Part Number	LTM4630IY
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-LTM4630IY
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DC DC CNVRTR 0.6-1.8V 0.6-1.8V
Package	144-BBGA Module
Data sheet	LTM4630.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

LTM4630IY - Analog Devices Inc..New Original in Stock. Download Linear Technology LTM4630IY datasheet/specifications on AllelcoElec.com.
Request a quote for LTM4630IY, please send us email: info@allelco.com

Specifications

LTM4630IY Tech Specifications
LTM4630IY - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package / Case	144-BBGA Module
Voltage - Output 3	-	Package	Tray
Voltage - Output 2	0.6 ~ 1.8V	Operating Temperature	-40°C ~ 125°C
Voltage - Output 1	0.6 ~ 1.8V	Number of Outputs	2
Voltage - Input (Min)	4.5V	Mounting Type	Surface Mount
Voltage - Input (Max)	15V	Features	OCP, OTP, OVP, SCP, UVLO
Type	Non-Isolated PoL Module	Efficiency	-
Supplier Device Package	144-BGA (16x16)	Current - Output (Max)	18A, 18A
Size / Dimension	0.63" L x 0.63" W x 0.20" H (16.0mm x 16.0mm x 5.0mm)	Base Product Number	LTM4630
Series	µModule®	Applications	ITE (Commercial)

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. LTM4630IY

Product Attribute				
Part Number	LTM4630IY	LTM4630EV#PBF	LTM4632IY#PBF	LTM4630EY-1B#PBF
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Series	µModule®	µModule®	µModule®	µModule®
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Output 3	-	-	-	-
Type	Non-Isolated PoL Module	Non-Isolated PoL Module	Non-Isolated PoL Module	Non-Isolated PoL Module
Number of Outputs	2	2	2	2
Voltage - Input (Max)	15V	15V	15V	15V
Size / Dimension	0.63" L x 0.63" W x 0.20" H (16.0mm x 16.0mm x 5.0mm)	0.63" L x 0.63" W x 0.17" H (16.0mm x 16.0mm x 4.4mm)	0.25" L x 0.25" W x 0.09" H (6.3mm x 6.3mm x 2.3mm)	0.63" L x 0.63" W x 0.20" H (16.0mm x 16.0mm x 5.0mm)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Efficiency	-	-	-	-
Base Product Number	LTM4630	LTM4630	LTM4632	LTM4630
Features	OCP, OTP, OVP, SCP, UVLO	OCP, OVP, UVLO	OTP, OVP	OCP, OTP, OVP, SCP, UVLO
Package	Tray	Tray	Tray	Tray
Supplier Device Package	144-BGA (16x16)	144-LGA (16x16)	25-BGA (6.25x6.25)	144-BGA (16x16)
Package / Case	144-BBGA Module	144-BLGA Module	25-PowerBBGA Module	144-BBGA Module
Current - Output (Max)	18A, 18A	18A, 18A	3A, 3A	18A, 18A
Voltage - Output 2	0.6 ~ 1.8V	0.6 ~ 1.8V	0.6 ~ 2.5V	0.6 ~ 1.8V
Applications	ITE (Commercial)	ITE (Commercial)	ITE (Commercial)	ITE (Commercial)
Voltage - Input (Min)	4.5V	4.5V	3.6V	4.5V
Voltage - Output 1	0.6 ~ 1.8V	0.6 ~ 1.8V	0.6 ~ 2.5V	0.6 ~ 1.8V

LTM4630IY Datasheet PDF

Download LTM4630IY pdf datasheets and Analog Devices Inc. documentation for LTM4630IY - Analog Devices Inc..

Datasheets

LTM4630.pdf

PCN Design/Specification

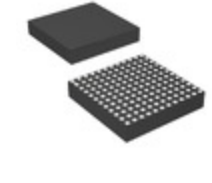


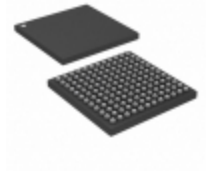
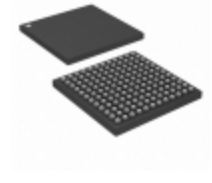
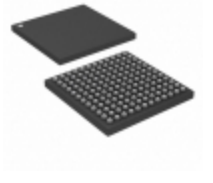
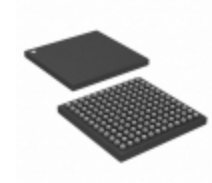


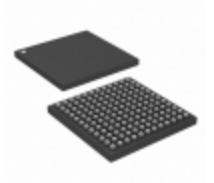
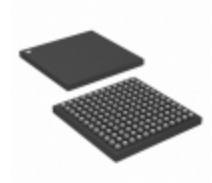
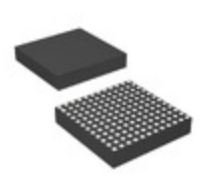
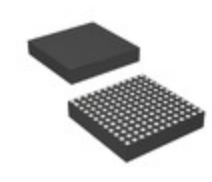
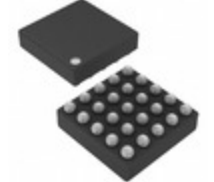

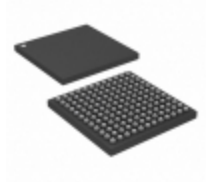


Mark Conversion 21/Jul/2021.pdf

LTM4630/-1 Product Improvement 7/Nov/2016.pdf

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

					
LTM4630EV#PBF Analog Devices Inc. DC DC CNVRTR 0.6-1.8V 0.6-1.8V	LTM4632IY#PBF Analog Devices Inc. DC DC CNVRTR 0.6-2.5V 0.6-2.5V	LTM4630IV ADI (Analog Devices, Inc.)	LTM4630EY-1B#PBF Analog Devices Inc. DC DC CNVRTR 0.6-1.8V 0.6-1.8V	LTM4630IY#PBF Analog Devices Inc. DC DC CNVRTR 0.6-1.8V 0.6-1.8V	LTM4630EY#PBF Analog Devices Inc. DC DC CNVRTR 0.6-1.8V 0.6-1.8V
					
LTM4630IY-1A#PBF Analog Devices Inc. DC DC CNVRTR 0.6-1.8V 0.6-1.8V	LTM4630IV#PBF Linear Technology LTM4630 - Dual 18A or Single 36A	LTM4632IV#PBF Analog Devices Inc. DC DC CNVRTR 0.6-2.5V 0.6-2.5V	LTM4630EY-1A#PBF Analog Devices Inc. DC DC CNVRTR 0.6-1.8V 0.6-1.8V	LTM4630AIY#PBF Analog Devices Inc. DC DC CONVERTER 0.6-5.3V	LTM4630AIV#PBF Analog Devices Inc. DC DC CNVRTR 0.6-5.3V 0.6-5.3V
					
LTM4630IV#PBF Analog Devices Inc. DC DC CNVRTR 0.6-1.8V 0.6-1.8V	LTM4632EV#PBF Analog Devices Inc. DC DC CNVRTR 0.6-2.5V 0.6-2.5V	LTM4632EY#PBF Analog Devices Inc. DC DC CNVRTR 0.6-2.5V 0.6-2.5V	LTM4633EY#PBF Analog Devices Inc. DC DC CNVRTR 2X0.8-1.8V 0.8-5.5V	LTM4632IV#PBF Linear Technology LTM4632 - Ultrathin, Triple Outp	LTM4633EY Linear Technology / Analog Devices

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

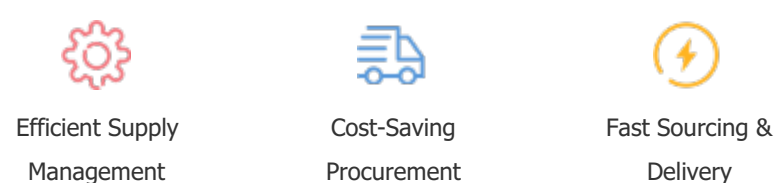
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

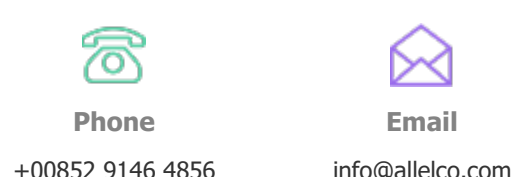
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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Contact us

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