

Image may be representation.
See specifications for product details.



LTM8027IY

| | |
|--------------------------|-----------------------------|
| Manufacturer Part Number | LTM8027IY |
| Manufacturer | Analog Devices, Inc. |
| Allelco Part Number | 32D-LTM8027IY |
| ECAD Model | Request Free CAD Models |
| Parts Description | DC DC CONVERTER 2.5-24V |
| Package | 113-BBGA Module |
| Data sheet | LTM8027.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

LTM8027IY - Analog Devices Inc..New Original in Stock. Download Linear Technology LTM8027IY datasheet/specifications on AllelcoElec.com.
Request a quote for LTM8027IY, please send us email: info@allelco.com

Specifications

LTM8027IY Tech Specifications

LTM8027IY - Analog Devices Inc. technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-------------------------|---|------------------------|------------------|
| Manufacturer | Analog Devices, Inc. | Package / Case | 113-BBGA Module |
| Voltage - Output 3 | - | Package | Tray |
| Voltage - Output 2 | - | Operating Temperature | -40°C ~ 125°C |
| Voltage - Output 1 | 2.5 ~ 24V | Number of Outputs | 1 |
| Voltage - Input (Min) | 4.5V | Mounting Type | Surface Mount |
| Voltage - Input (Max) | 60V | Features | UVLO |
| Type | Non-Isolated PoL Module | Efficiency | 95% |
| Supplier Device Package | 113-BGA (15x15) | Current - Output (Max) | 4A |
| Size / Dimension | 0.59" L x 0.59" W x 0.19" H (15.0mm x 15.0mm x 4.9mm) | Base Product Number | LTM8027 |
| Series | µModule® | Applications | ITE (Commercial) |

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. LTM8027IY

| Product Attribute | | | | |
|-------------------------|---|---|---|---|
| Part Number | LTM8027IY | LTM8026MPV#PBF | LTM8028EY#PBF | LTM8026IV#PBF |
| Manufacturer | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. |
| Voltage - Input (Min) | 4.5V | 6V | 6V | 6V |
| Type | Non-Isolated PoL Module | Non-Isolated PoL Module | Non-Isolated PoL Module | Non-Isolated PoL Module |
| Package | Tray | Tray | Tray | Tray |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Applications | ITE (Commercial) | ITE (Commercial) | ITE (Commercial) | ITE (Commercial) |
| Series | µModule® | µModule® | µModule® | µModule® |
| Supplier Device Package | 113-BGA (15x15) | 81-LGA (15x11.25) | 114-BGA (15x15) | 81-LGA (15x11.25) |
| Package / Case | 113-BBGA Module | 81-BLGA Module | 114-BBGA Module | 81-BLGA Module |
| Voltage - Output 1 | 2.5 ~ 24V | 1.2 ~ 24V | 0.8 ~ 1.8V | 1.2 ~ 24V |
| Operating Temperature | -40°C ~ 125°C | -55°C ~ 125°C | -40°C ~ 125°C | -40°C ~ 125°C |
| Voltage - Input (Max) | 60V | 36V | 36V | 36V |
| Efficiency | 95% | - | - | - |
| Voltage - Output 3 | - | - | - | - |
| Current - Output (Max) | 4A | 5A | 5A | 5A |
| Size / Dimension | 0.59" L x 0.59" W x 0.19" H (15.0mm x 15.0mm x 4.9mm) | 0.59" L x 0.44" W x 0.11" H (15.0mm x 11.3mm x 2.8mm) | 0.59" L x 0.59" W x 0.19" H (15.0mm x 15.0mm x 4.9mm) | 0.59" L x 0.44" W x 0.11" H (15.0mm x 11.3mm x 2.8mm) |
| Base Product Number | LTM8027 | LTM8026 | LTM8028 | LTM8026 |
| Features | UVLO | OCP, OTP, SCP, UVLO | OCP, OTP, SCP, UVLO | OTP, OVP, SCP |
| Number of Outputs | 1 | 1 | 1 | 1 |
| Voltage - Output 2 | - | - | - | - |

LTM8027IY Datasheet PDF

Download LTM8027IY pdf datasheets and Analog Devices Inc. documentation for LTM8027IY - Analog Devices Inc..

Datasheets

[LTM8027.pdf](#)

PCN Design/Specification

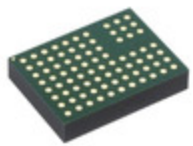


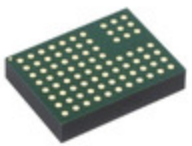

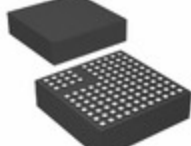

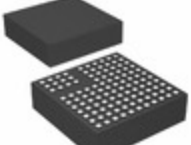
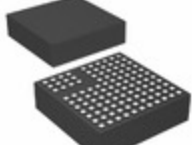





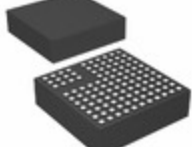
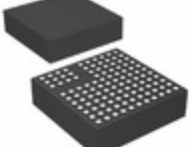

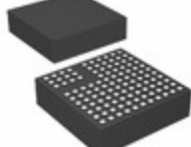
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PCN Assembly/Origin

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Customers Also Interested in

Recommended Products

| | | | | | |
|--|--|---|---|---|--|
|  LTM8026MPV#PBF Analog Devices Inc. DC DC CONVERTER 1.2-24V |  LTM8026V LT |  LTM8028EY#PBF Analog Devices Inc. DC DC CONVERTER 0.8-1.8V 9W |  LTM8026IV#PBF Analog Devices Inc. DC DC CONVERTER 1.2-24V 120W |  LTM8027IV LT |  LTM8027IY#PBF Analog Devices Inc. DC DC CONVERTER 2.5-24V |
|  LTM8029EY#PBF Analog Devices Inc. DC DC CONVERTER 1.2-18V |  LTM8027MPY#PBF Analog Devices Inc. DC DC CONVERTER 2.5-24V |  LTM8027EY#PBF Analog Devices Inc. DC DC CONVERTER 2.5-24V |  LTM8026IY#PBF Analog Devices Inc. DC DC CONVERTER 1.2-24V |  LTM8028IY#PBF Analog Devices Inc. DC DC CONVERTER 0.8-1.8V 9W |  LTM8028MPY#PBF Analog Devices Inc. DC DC CONVERTER 0.8-1.8V 9W |
|  LTM8027MPV LINERA |  LTM8026MPY#PBF Analog Devices Inc. DC DC CONVERTER 1.2-24V |  LTM8027EV#PBF Analog Devices Inc. DC DC CONVERTER 2.5-24V |  LTM8027MPV#PBF Analog Devices Inc. DC DC CONVERTER 2.5-24V |  LTM8026IV Linear Technology / Analog Devices |  LTM8027IV#PBF Analog Devices Inc. DC DC CONVERTER 2.5-24V |

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



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Contact us

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