

Image may be representation.
See specifications for product details.



SIC463ED-T1-GE3

Manufacturer Part Number	SIC463ED-T1-GE3
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-SIC463ED-T1-GE3
ECAD Model	Request Free CAD Models
Parts Description	IC REG BUCK ADJ 4A MLP55-27
Package	PowerPAK® MLP55-27
Data sheet	SiC461, 462, 463, 464.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SIC463ED-T1-GE3 - Vishay Siliconix. New Original in Stock. Download Linear Technology SIC463ED-T1-GE3 datasheet/specifications on AllelcoElec.com. Request a quote for SIC463ED-T1-GE3, please send us email: info@allelco.com

Specifications

SIC463ED-T1-GE3 Tech Specifications
SIC463ED-T1-GE3 - Vishay Siliconix technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay / Siliconix	Package	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	0.8V	Output Type	Adjustable
Voltage - Output (Max)	55.2V	Output Configuration	Positive
Voltage - Input (Min)	4.5V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	60V	Number of Outputs	1
Topology	Buck	Mounting Type	Surface Mount
Synchronous Rectifier	Yes	Function	Step-Down
Supplier Device Package	PowerPAK® MLP55-27	Frequency - Switching	100kHz ~ 2MHz
Series	microBUCK®	Current - Output	4A
Package / Case	PowerPAK® MLP55-27	Base Product Number	SIC463

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix SIC463ED-T1-GE3

Product Attribute				
Part Number	SIC463ED-T1-GE3	SIC438BED-T1-GE3	SIC438AED-T1-GE3	SIC462ED-T1-GE3
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Supplier Device Package	PowerPAK® MLP55-27	PowerPAK® MLP44-24	PowerPAK® MLP44-24	PowerPAK® MLP55-27
Series	microBUCK®	-	-	microBUCK®
Output Configuration	Positive	Positive	Positive	Positive
Topology	Buck	Buck	Buck	Buck
Frequency - Switching	100kHz ~ 2MHz	300kHz ~ 1MHz	300kHz ~ 1MHz	100kHz ~ 2MHz
Voltage - Input (Max)	60V	28V	28V	60V
Function	Step-Down	Step-Down	Step-Down	Step-Down
Voltage - Input (Min)	4.5V	3V	3V	4.5V
Current - Output	4A	8A	8A	6A
Voltage - Output (Min/Fixed)	0.8V	0.6V	0.6V	0.8V
Output Type	Adjustable	Adjustable	Adjustable	Adjustable
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Number of Outputs	1	1	1	1
Voltage - Output (Max)	55.2V	20V	20V	55.2V
Package / Case	PowerPAK® MLP55-27	24-PowerWFQFN	24-PowerWFQFN	PowerPAK® MLP55-27
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	SIC463	SIC438	SIC438	SIC462
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Synchronous Rectifier	Yes	Yes	Yes	Yes

SIC463ED-T1-GE3 Datasheet PDF

Download SIC463ED-T1-GE3 pdf datasheets and Vishay Siliconix documentation for SIC463ED-T1-GE3 - Vishay Siliconix.

PCN Assembly/Origin

Mult Dev 25/Jan/2023.pdf

PCN Design/Specification

Mult Devs Marking 08/Nov/2021.pdf

HTML Datasheet



SIC461, 462, 463, 464.pdf

Customers Also Interested in

Recommended Products



SIC620ACD-T1-GE3
Vishay Siliconix
IC HALF BRIDGE DRIVER 60A PPAK



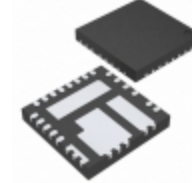
SIC438BED-T1-GE3
Vishay Siliconix
IC REG BUCK ADJUSTABLE 8A



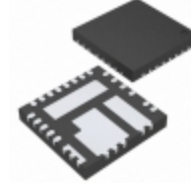
SIC610ACD-T1-GE3
Electro-Films (EFI) / Vishay



SIC438AED-T1-GE3
Vishay Siliconix
MICROBUCK POWERSAVE



SIC462ED-T1-GE3
Vishay Siliconix
IC REG BUCK ADJ 6A MLP55-27



SIC471ED-T1-GE3
Vishay Siliconix
IC REG BUCK ADJ 12A MLP55-27



SIC464ED-T1-GE3
Electro-Films (EFI) / Vishay



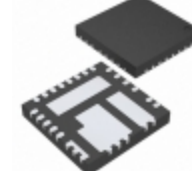
SIC437CED-T1-GE3
Vishay Siliconix
3 - 28V, 12A MICROBUCK
ULTRASONIC



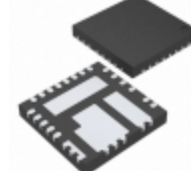
SIC453ED-T1-GE3
Vishay Siliconix
4.5 V TO 20 V INPUT, 15 A, 25 A,



SIC531CD-T1-GE3
Vishay Siliconix
IC HALF BRIDGE DRV 30A PPAK
MLP4



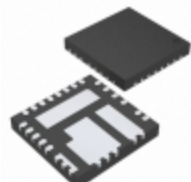
SIC469ED-T1-GE3
Vishay Siliconix
SYNC REG 2A MICROBUCK PP
MLP55-2



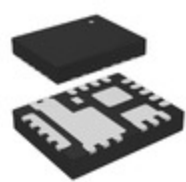
SIC464ED-T1-GE3
Vishay Siliconix
IC REG BUCK ADJ 2A MLP55-27



SIC6008-101
SICMICR



SIC461ED-T1-GE3
Vishay Siliconix
IC REG BUCK ADJ 10A MLP55-27



SIC534CD-T1-GE3
Vishay Siliconix
IC HALF BRIDGE DRV 30A PPAK
MLP4



SIC437DED-T1-GE3
Vishay Siliconix
MICROBUCK POWERSAVE



SIC451ED-T1-GE3
Vishay Siliconix
MICROBUCK DC/DC CONVERTER 25
A



SIC532CD-T1-GE
Electro-Films (EFI) / Vishay

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

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Email

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Certifications & Memberships



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