

Image may be representation.
See specifications for product details.



MIC24054YJL-TR

Manufacturer Part Number	MIC24054YJL-TR
Manufacturer	Microchip Technology
Allelco Part Number	32D-MIC24054YJL-TR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG BUCK ADJUSTABLE 9A 28QFN
Package	28-PowerVQFN
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MIC24054YJL-TR - Microchip Technology. New Original in Stock. Download Linear Technology MIC24054YJL-TR datasheet/specifications on AllelcoElec.com. Request a quote for MIC24054YJL-TR, please send us email: info@allelco.com

Specifications

MIC24054YJL-TR Tech Specifications
MIC24054YJL-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	0.8V	Output Type	Adjustable
Voltage - Output (Max)	5.5V	Output Configuration	Positive
Voltage - Input (Min)	4.5V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	19V	Number of Outputs	1
Topology	Buck	Mounting Type	Surface Mount
Synchronous Rectifier	Yes	Function	Step-Down
Supplier Device Package	28-QFN (5x6)	Frequency - Switching	600kHz
Series	Hyper Speed Control®, SuperSwitcher II™	Current - Output	9A
Package / Case	28-PowerVQFN	Base Product Number	MIC24054

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC24054YJL-TR

Product Attribute				
Part Number	MIC24054YJL-TR	MIC24053YJL-TR	MIC24046YFL-TR	MIC24045-EIYFL-TR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Function	Step-Down	Step-Down	Step-Down	Step-Down
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Input (Min)	4.5V	4.5V	4.5V	4.5V
Voltage - Output (Max)	5.5V	5.5V	3.3V	-
Number of Outputs	1	1	1	1
Series	Hyper Speed Control®, SuperSwitcher II™	Hyper Speed Control®, SuperSwitcher II™	-	-
Frequency - Switching	600kHz	600kHz	400kHz, 565kHz, 790kHz	780kHz
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Output Type	Adjustable	Adjustable	Programmable	Programmable
Output Configuration	Positive	Positive	Positive	Positive
Supplier Device Package	28-QFN (5x6)	28-QFN (5x6)	20-QFN (3x3)	20-FQFN (3x3)
Base Product Number	MIC24054	MIC24053	MIC24046	MIC24045
Current - Output	9A	9A	5A	5A
Package / Case	28-PowerVQFN	28-PowerVQFN	20-PowerVFQFN	20-PowerVFQFN
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Input (Max)	19V	19V	19V	19V
Synchronous Rectifier	Yes	Yes	Yes	Yes
Topology	Buck	Buck	Buck	Buck
Voltage - Output (Min/Fixed)	0.8V	0.8V	0.7V	1.2V

MIC24054YJL-TR Datasheet PDF

Download MIC24054YJL-TR pdf datasheets and Microchip Technology documentation for MIC24054YJL-TR - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Part Number

[2.73KHz.pdf](#)

PCN Packaging





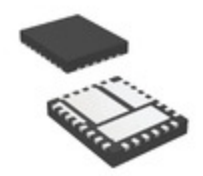


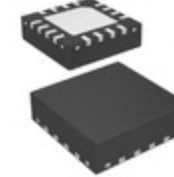




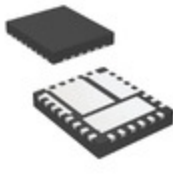

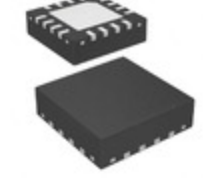
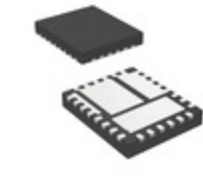
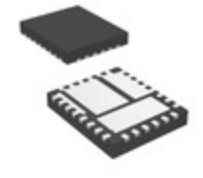

2.73KHz.pdf

PCN Assembly/Origin

Wafer Size Update 02/Sep/2015.pdf

Customers Also Interested in

Recommended Products

					
MIC24053YJL	MIC2407	MIC24052YJL	MIC24051YJL	MIC24053YJL-TR	MIC24046YFL-TR
Micrel / Microchip Technology	Micrel / Microchip Technology	Micrel / Microchip Technology	Micrel / Microchip Technology	Microchip Technology IC REG BUCK ADJUSTABLE 9A 28QFN	Microchip Technology IC REG BUCK PROG 5A 20QFN
					
MIC24045-EIYFL-TR	MIC24085AYML-TR	MIC24085AYML TX	MIC24085EYML	MIC24085AYML	MIC24085FYML
Microchip Technology IC REG BUCK PROG 5A 20QFN	Microchip Technology IC REG BUCK ADJUSTABLE 3A 16QFN	Micrel / Microchip Technology	Micrel / Microchip Technology	MIC	Micrel / Microchip Technology
					
MIC24052YJL-TR	MIC24054YJL	MIC24085AYML-TX	MIC24051YJL-TR	MIC24055YJL-TR	MIC23656YFT-TR
Microchip Technology IC REG BUCK ADJUSTABLE 6A 28QFN	Micrel / Microchip Technology	Microchip Technology IC REG BUCK ADJUSTABLE 3A 16QFN	Microchip Technology IC REG BUCK ADJUSTABLE 6A 28QFN	Microchip Technology IC REG BUCK ADJUSTABLE 12A 28QFN	Microchip Technology IC REG BUCK 5V 6A SYNC W/ I2

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

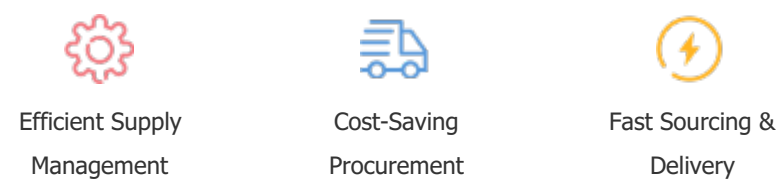
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

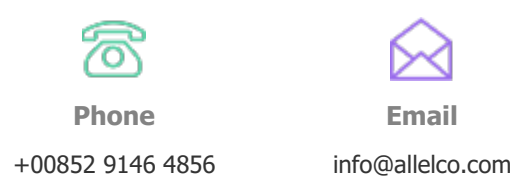
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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