

Image may be representation.
See specifications for product details.



MIC59300-1.2YME

Manufacturer Part Number	MIC59300-1.2YME
Manufacturer	Microchip Technology
Allelco Part Number	32D-MIC59300-1.2YME
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR 1.2V 3A 8SOIC
Package	8-SOIC (0.154', 3.90mm Width) Exposed Pad
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

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MIC59300-1.2YME - Microchip Technology. New Original in Stock. Download Linear Technology MIC59300-1.2YME datasheet/specifications on AllelcoElec.com. Request a quote for MIC59300-1.2YME, please send us email: info@allelco.com

Specifications

MIC59300-1.2YME Tech Specifications
MIC59300-1.2YME - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	PSRR	65dB ~ 55dB (10kHz)
Voltage Dropout (Max)	0.4V @ 3A	Output Type	Fixed
Voltage - Output (Min/Fixed)	1.2V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	3.8V	Number of Regulators	1
Supplier Device Package	8-SOIC-EP	Mounting Type	Surface Mount
Series	-	Current - Output	3A
Protection Features	Over Current, Over Temperature	Control Features	Enable
Package / Case	8-SOIC (0.154', 3.90mm Width) Exposed Pad	Base Product Number	MIC59300
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC59300-1.2YME

Product Attribute				
Part Number	MIC59300-1.2YME	MIC61150-10YMME	MIC59150YME	MIC59300WU-TR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Current - Output	3A	1.5A	1.5A	3A
Package / Case	8-SOIC (0.154', 3.90mm Width) Exposed Pad	10-TFSOP, 10-MSOP (0.118', 3.00mm Width) Exposed Pad	8-SOIC (0.154', 3.90mm Width) Exposed Pad	TO-263-6, D ² Pak (5 Leads + Tab), TO-263BA
Voltage - Input (Max)	3.8V	3.6V	3.8V	3.8V
Supplier Device Package	8-SOIC-EP	10-MSOP-EP	8-SOIC-EP	TO-263-5
Base Product Number	MIC59300	MIC61150	MIC59150	MIC59300
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Control Features	Enable	Enable	Enable	Enable
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	-	-
Voltage - Output (Min/Fixed)	1.2V	1V	0.5V	0.5V
Operating Temperature	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 125°C	-40°C ~ 125°C
Output Configuration	Positive	Positive	Positive	Positive
PSRR	65dB ~ 55dB (10kHz)	-	60dB ~ 55dB (10kHz)	65dB ~ 55dB (10kHz)
Package	Tube	Tube	Tube	Tape & Reel (TR)
Voltage - Output (Max)	-	-	3.5V	3.3V
Output Type	Fixed	Fixed	Adjustable	Adjustable
Number of Regulators	1	1	1	1
Voltage Dropout (Max)	0.4V @ 3A	0.2V @ 1.5A	0.25V @ 1.5A	0.5V @ 3A

MIC59300-1.2YME Datasheet PDF

Download MIC59300-1.2YME pdf datasheets and Microchip Technology documentation for MIC59300-1.2YME - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging



















[2.73KHz.pdf](#)

PCN Assembly/Origin

[Qualification Assembly/Test Site 17/Feb/2014.pdf](#)

Customers Also Interested in

Recommended Products

					
MIC61150-10YMME Microchip Technology IC REG LINEAR 1V 1.5A 10MSOP	MIC58P01BV Microchip Technology IC PWR DRIVER BIPOLAR 1:1 28PLCC	MIC59150YME Microchip Technology IC REG LINEAR POS ADJ 1.5A 8SOIC	MIC5891YN Microchip Technology IC PWR DRIVER BIPOLAR 1:8 16DIP	MIC59P50YWM Microchip Technology IC PWR DRIVER BIPOLAR 1:1 24SOIC	MIC59P60YWM Microchip Technology IC PWR DRIVER BIPOLAR 1:8 20SOIC
					
MIC5891YWM/TR MIC	MIC59P50BWM Microchip Technology IC PWR DRIVER BIPOLAR 1:1 24SOIC	MIC59P01YWM Microchip Technology IC PWR DRIVER BIPOLAR 1:1 24SOIC	MIC5891YWM-TR Microchip Technology IC PWR DRIVER BIPOLAR 1:8 16SOIC	MIC59300WU-TR Microchip Technology IC REG LINEAR POS ADJ 3A TO263-5	MIC5891YWM Microchip Technology IC PWR DRIVER BIPOLAR 1:8 16SOIC
					
MIC58P42YWM Microchip Technology IC PWR DRIVER BIPOLAR 1:8 18SOP	MIC58P42BWM Microchip Technology IC PWR DRIVER BIPOLAR 1:8 18SOP	MIC59P60BN Microchip Technology IC PWR DRIVER BIPOLAR 1:8 20DIP	MIC59300YME-TR Microchip Technology IC REG LINEAR POS ADJ 3A 8SOIC	MIC59300YME Microchip Technology IC REG LINEAR POS ADJ 3A 8SOIC	MIC59300-1.2WU Microchip Technology IC REG LINEAR 1.2V 3A TO263-5

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

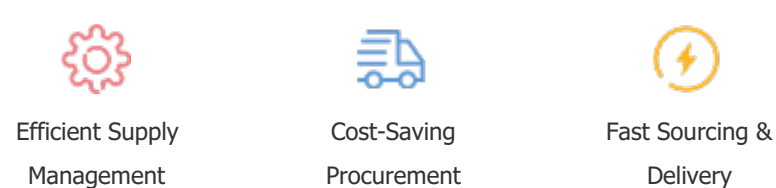
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

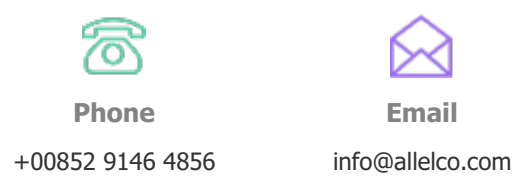
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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