



Image may be representation.
See specifications for product details.



MCP1703AT-3002E/CB

Manufacturer Part Number	MCP1703AT-3002E/CB
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP1703AT-3002E/CB
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR 3V 250MA SOT23A-3
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MCP1703AT-3002E/CB - Microchip Technology. New Original in Stock. Download Linear Technology MCP1703AT-3002E/CB datasheet/specifications on AllelcoElec.com. Request a quote for MCP1703AT-3002E/CB, please send us email: info@allelco.com

Specifications

MCP1703AT-3002E/CB Tech Specifications
MCP1703AT-3002E/CB - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	PSRR	35dB (100Hz)
Voltage Dropout (Max)	0.975V @ 250mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	3V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	16V	Number of Regulators	1
Supplier Device Package	SOT-23A-3	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	5 µA
Protection Features	Over Current, Over Temperature, Short Circuit	Current - Output	250mA
Package / Case	TO-236-3, SC-59, SOT-23-3	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	MCP1703

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP1703AT-3002E/CB

Product Attribute				
Part Number	MCP1703AT-3002E/CB	MCP1703AT-2052E/CB	MCP1702T-5102E/CB	MCP1703AT-3302E/MB
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	16V	16V	13.2V	16V
Package / Case	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-243AA
Protection Features	Over Current, Over Temperature, Short Circuit	Over Current, Over Temperature, Short Circuit	Over Current, Over Temperature, Short Circuit	Over Current, Over Temperature, Short Circuit
Output Type	Fixed	Fixed	Fixed	Fixed
Number of Regulators	1	1	1	1
Series	-	-	-	-
Voltage - Output (Min/Fixed)	3V	2.05V	5.1V	3.3V
Base Product Number	MCP1703	MCP1703	-	MCP1703
Output Configuration	Positive	Positive	Positive	Positive
Control Features	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	SOT-23A-3	SOT-23A-3	SOT-23A-3	SOT-89-3
Voltage Dropout (Max)	0.975V @ 250mA	-	-	0.725V @ 250mA
Voltage - Output (Max)	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
PSRR	35dB (100Hz)	35dB (100Hz)	44dB (100Hz)	35dB (100Hz)
Current - Output	250mA	200mA	250mA	250mA
Current - Quiescent (Iq)	5 µA	5 µA	5 µA	5 µA

MCP1703AT-3002E/CB Datasheet PDF

Download MCP1703AT-3002E/CB pdf datasheets and Microchip Technology documentation for MCP1703AT-3002E/CB - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Design Resources

[Portable Power Conversion Design Guide.pdf](#)

Customers Also Interested in

Recommended Products



MCP1703AT-2052E/CB

Microchip Technology
IC REG LIN 2.05V 200MA SOT23A-3



MCP1703AT-3302E/MB

Microchip Technology
IC REG LINEAR 3.3V 250MA SOT89-3



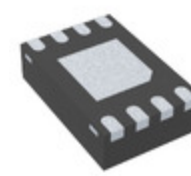
MCP1703AT-5002E/CB

Microchip Technology
IC REG LINEAR 5V 250MA SOT23A-3



MCP1703-3302E/DB

Microchip Technology
IC REG LIN 3.3V 250MA SOT223-3



MCP1703AT-3302E/MC

Microchip Technology
IC REG LINEAR 3.3V 250MA 8DFN



MCP1703AT-3002E/MB

Microchip Technology
IC REG LINEAR 3V 250MA SOT89-3



MCP1703AT-3302E/DB

Microchip Technology
IC REG LIN 3.3V 250MA SOT223-3



MCP1703AT-5002E/MB

Microchip Technology
IC REG LINEAR 5V 250MA SOT89-3



MCP1703AT-3002E/DB

Microchip Technology
IC REG LINEAR 3V 250MA SOT223-3



MCP1703AT-3302E/CB

Microchip Technology
IC REG LIN 3.3V 250MA SOT23A-3



MCP1703AT-2502E/CB

Microchip Technology
IC REG LIN 2.5V 250MA SOT23A-3



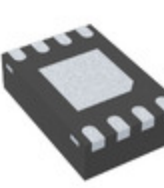
MCP1702T-5002E/MB

Microchip Technology
IC REG LINEAR 5V 250MA SOT89-3



MCP1703-5002E/DB

Microchip Technology
IC REG LINEAR 5V 250MA SOT223-3



MCP1703AT-5002E/MC

Microchip Technology
IC REG LINEAR 5V 250MA 8DFN



MCP1703AT-2502E/MB

Microchip Technology
IC REG LINEAR 2.5V 250MA SOT89-3



MCP1703AT-2802E/CB

Microchip Technology
IC REG LIN 2.8V 250MA SOT23A-3



MCP1703AT-4002E/MB

Microchip Technology
IC REG LINEAR 4V 250MA SOT89-3

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 Alleco 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



View More



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