

Image may be representation.
See specifications for product details.



MCP1700T-2502E/MB

Manufacturer Part Number	MCP1700T-2502E/MB
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP1700T-2502E/MB
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR 2.5V 250MA SOT89-3
Package	TO-243AA
Data sheet	Cylindrical Battery Holders.pdf MCP1700 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MCP1700T-2502E/MB - Microchip Technology. New Original in Stock. Download Linear Technology MCP1700T-2502E/MB datasheet/specifications on AllelcoElec.com. Request a quote for MCP1700T-2502E/MB, please send us email: info@allelco.com

Specifications

MCP1700T-2502E/MB Tech Specifications
MCP1700T-2502E/MB - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	PSRR	44dB (100Hz)
Voltage Dropout (Max)	0.35V @ 250mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	2.5V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	6V	Number of Regulators	1
Supplier Device Package	SOT-89-3	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	4 µA
Protection Features	Over Current, Over Temperature, Short Circuit	Current - Output	250mA
Package / Case	TO-243AA	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	MCP1700

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP1700T-2502E/MB

Product Attribute				
Part Number	MCP1700T-2502E/MB	MCP1700T-3302E/MB	MCP1700T-2802E/TT	MCP1700T-2802E/MB
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Input (Max)	6V	6V	6V	6V
Output Configuration	Positive	Positive	Positive	Positive
Series	-	-	-	-
Voltage Dropout (Max)	0.35V @ 250mA	0.35V @ 250mA	0.35V @ 250mA	0.35V @ 250mA
PSRR	44dB (100Hz)	44dB (100Hz)	44dB (100Hz)	44dB (100Hz)
Voltage - Output (Min/Fixed)	2.5V	3.3V	2.8V	2.8V
Package / Case	TO-243AA	TO-243AA	TO-236-3, SC-59, SOT-23-3	TO-243AA
Voltage - Output (Max)	-	-	-	-
Base Product Number	MCP1700	MCP1700	MCP1700	MCP1700
Supplier Device Package	SOT-89-3	SOT-89-3	SOT-23-3	SOT-89-3
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Current - Quiescent (Iq)	4 µA	4 µA	4 µA	4 µA
Output Type	Fixed	Fixed	Fixed	Fixed
Number of Regulators	1	1	1	1
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
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
Current - Output	250mA	250mA	250mA	250mA
Control Features	-	-	-	-

MCP1700T-2502E/MB Datasheet PDF

Download MCP1700T-2502E/MB pdf datasheets and Microchip Technology documentation for MCP1700T-2502E/MB - Microchip Technology.

Datasheets


[Cylindrical Battery Holders.pdf](#)

PCN Packaging

[Label and Packing Changes 23/Sep/2015.pdf](#)

[Packing Changes 10/Oct/2016.pdf](#)


Design Resources


 Portable Power Conversion Design Guide.pdf

Other Related Documents


 Cylindrical Battery Holders.pdf

PCN Design/Specification

 MCP1700 18/Dec/2020.pdf

 MCP1700 Datasheet 26/Nov/2018.pdf

HTML Datasheet

 MCP1700 Datasheet.pdf

Customers Also Interested in

Recommended Products



MCP1700T-3302E/MB

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



MCP1700T-2802E/TT

Microchip Technology
IC REG LINEAR 2.8V 250MA SOT23-3



MCP1700T-3302/MB

Micrel / Microchip Technology



MCP1700T-2802E/MB

Microchip Technology
IC REG LINEAR 2.8V 250MA SOT89-3



MCP1700T-3002E/TT

Microchip Technology
IC REG LINEAR 3V 250MA SOT23-3



MCP1700T-1502E/MB

Microchip Technology
IC REG LINEAR 1.5V 200MA SOT89-3



MCP1700T-2002E/TT

Microchip Technology
IC REG LINEAR 2V 200MA SOT23-3



MCP1700T-3302E/MBVAO

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



MCP1700-5002E/TO

Microchip Technology
IC REG LINEAR 5V 250MA TO92-3



MCP1700T-2502E/TT

Microchip Technology
IC REG LINEAR 2.5V 250MA SOT23-3



NO PICTURE

MCP1700T-1202

MICROCH



NO PICTURE

MCP1700T-2502E

MIC



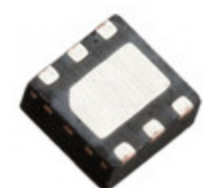
MCP1700T-3002E/MB

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



MCP1700T-1802E/MB

Microchip Technology
IC REG LINEAR 1.8V 200MA SOT89-3



MCP1700T-3302E/MAY

Microchip Technology
IC REG LINEAR 3.3V 250MA 6DFN



MCP1700T-1202E/MB

Microchip Technology
IC REG LINEAR 1.2V 200MA SOT89-3



MCP1700T-1202E/TT

Microchip Technology
IC REG LINEAR 1.2V 200MA SOT23-3



MCP1700T-1802E/TT

Microchip Technology
IC REG LINEAR 1.8V 200MA SOT23-3

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

+00852 9146 4856



Email

info@alleco.com

Certifications & Memberships



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