



Image may be representation.  
See specifications for product details.



## MCP1702T-2802E/MB

Manufacturer Part Number	<b>MCP1702T-2802E/MB</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MCP1702T-2802E/MB
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG LINEAR 2.8V 250MA SOT89-3
Package	TO-243AA
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

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MCP1702T-2802E/MB - Microchip Technology. New Original in Stock. Download Linear Technology MCP1702T-2802E/MB datasheet/specifications on AllelcoElec.com. Request a quote for MCP1702T-2802E/MB, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MCP1702T-2802E/MB Tech Specifications  
MCP1702T-2802E/MB - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	PSRR	44dB (100Hz)
Voltage Dropout (Max)	0.975V @ 250mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	2.8V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	13.2V	Number of Regulators	1
Supplier Device Package	SOT-89-3	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	5 µA
Protection Features	Over Current, Over Temperature, Short Circuit	Current - Output	250mA
Package / Case	TO-243AA	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	MCP1702

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP1702T-2802E/MB

Product Attribute				
Part Number	MCP1702T-2802E/MB	MCP1702T-3002E/MB	MCP1702T-4002E/CB	MCP1702T-1802E/MB
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Control Features	-	-	-	-
Current - Output	250mA	250mA	250mA	200mA
Current - Quiescent (Iq)	5 µA	5 µA	5 µA	5 µA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Output Configuration	Positive	Positive	Positive	Positive
Package / Case	TO-243AA	TO-243AA	TO-236-3, SC-59, SOT-23-3	TO-243AA
Base Product Number	MCP1702	MCP1702	MCP1702	MCP1702
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
Voltage - Output (Max)	-	-	-	-
Voltage Dropout (Max)	0.975V @ 250mA	0.975V @ 250mA	0.725V @ 250mA	-
Voltage - Input (Max)	13.2V	13.2V	13.2V	13.2V
Number of Regulators	1	1	1	1
Supplier Device Package	SOT-89-3	SOT-89-3	SOT-23A-3	SOT-89-3
Output Type	Fixed	Fixed	Fixed	Fixed
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C (TJ)
Voltage - Output (Min/Fixed)	2.8V	3V	4V	1.8V
PSRR	44dB (100Hz)	44dB (100Hz)	44dB (100Hz)	44dB (100Hz)
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### MCP1702T-2802E/MB Datasheet PDF

Download MCP1702T-2802E/MB pdf datasheets and Microchip Technology documentation for MCP1702T-2802E/MB - Microchip Technology.

#### Datasheets

Cylindrical Battery Holders.pdf

### Customers Also Interested in

#### Recommended Products

**MCP1702T-3002E/MB**Microchip Technology  
IC REG LINEAR 3V 250MA SOT89-3**MCP1702T-4002E/CB**Microchip Technology  
IC REG LINEAR 4V 250MA SOT23A-3**MCP1702T-1802E/MB**Microchip Technology  
IC REG LINEAR 1.8V 200MA SOT89-3**MCP1702T-1202E/CB**Microchip Technology  
IC REG LIN 1.2V 200MA SOT23A-3**MCP1702T-2102E/CB**Microchip Technology  
IC REG LIN 2.1V 200MA SOT23A-3**MCP1702T-3602E/MB**Microchip Technology  
IC REG LINEAR 3.6V 250MA SOT89-3**MCP1702T-3002E/CB**Microchip Technology  
IC REG LINEAR 3V 250MA SOT23A-3**MCP1702I-5002E/MB**

Micrel / Microchip Technology

**MCP1702T-2802E/CB**Microchip Technology  
IC REG LIN 2.8V 250MA SOT23A-3**MCP1702T-1802E/CB**Microchip Technology  
IC REG LIN 1.8V 200MA SOT23A-3**MCP1702T-1502E/CB**Microchip Technology  
IC REG LIN 1.5V 200MA SOT23A-3**MCP1702T-3302E/CB**Microchip Technology  
IC REG LIN 3.3V 250MA SOT23A-3**MCP1702T-3002I/MB**

MIC

**MCP1702T-330E/MB**

Micrel / Microchip Technology

**MCP1702T-3302I/CB**

Micrel / Microchip Technology

**MCP1702T-2502E/MB**Microchip Technology  
IC REG LINEAR 2.5V 250MA SOT89-3**MCP1702T-2502E/CB**Microchip Technology  
IC REG LIN 2.5V 250MA SOT23A-3**MCP1702T-3302E/MB**Microchip Technology  
IC REG LINEAR 3.3V 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 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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## Certifications & Memberships



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