

Image may be representation.  
See specifications for product details.



## MCP1700T-3302E/MAY

Manufacturer Part Number	<b>MCP1700T-3302E/MAY</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MCP1700T-3302E/MAY
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 3.3V 250MA 6DFN
Package	6-VDFN Exposed Pad
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a> <a href="#">MCP1700 Datasheet.pdf</a>
RoHs Status	ROHS3 Compliant

**Get a Quote**

MCP1700T-3302E/MAY - Microchip Technology. New Original in Stock. Download Linear Technology MCP1700T-3302E/MAY datasheet/specifications on AllelcoElec.com. Request a quote for MCP1700T-3302E/MAY, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MCP1700T-3302E/MAY Tech Specifications  
MCP1700T-3302E/MAY - 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)	3.3V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	6V	Number of Regulators	1
Supplier Device Package	6-DFN (2x2)	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	4 µA
Protection Features	Over Current, Over Temperature, Short Circuit	Current - Output	250mA
Package / Case	6-VDFN Exposed Pad	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-3302E/MAY

Product Attribute				
Part Number	MCP1700T-3302E/MAY	MCP1700T-2802E/TT	MCP1700T-2802E/MB	MCP1700T-2502E/TT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Output (Min/Fixed)	3.3V	2.8V	2.8V	2.5V
Current - Output	250mA	250mA	250mA	250mA
Base Product Number	MCP1700	MCP1700	MCP1700	MCP1700
Voltage - Input (Max)	6V	6V	6V	6V
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
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
Number of Regulators	1	1	1	1
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Output Configuration	Positive	Positive	Positive	Positive
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Quiescent (Iq)	4 µA	4 µA	4 µA	4 µA
PSRR	44dB (100Hz)	44dB (100Hz)	44dB (100Hz)	44dB (100Hz)
Voltage Dropout (Max)	0.35V @ 250mA	0.35V @ 250mA	0.35V @ 250mA	0.35V @ 250mA
Control Features	-	-	-	-
Series	-	-	-	-
Supplier Device Package	6-DFN (2x2)	SOT-23-3	SOT-89-3	SOT-23-3
Voltage - Output (Max)	-	-	-	-
Output Type	Fixed	Fixed	Fixed	Fixed
Package / Case	6-VDFN Exposed Pad	TO-236-3, SC-59, SOT-23-3	TO-243AA	TO-236-3, SC-59, SOT-23-3

### MCP1700T-3302E/MAY Datasheet PDF

Download MCP1700T-3302E/MAY pdf datasheets and Microchip Technology documentation for MCP1700T-3302E/MAY - 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

					
<b>MCP1700T-3302/MB</b> Micrel / Microchip Technology	<b>MCP1700T-2802E/TT</b> Microchip Technology IC REG LINEAR 2.8V 250MA SOT23-3	<b>MCP1700T-2802E/MB</b> Microchip Technology IC REG LINEAR 2.8V 250MA SOT89-3	<b>MCP1700T-2502E/TT</b> Microchip Technology IC REG LINEAR 2.5V 250MA SOT23-3	<b>MCP1700T-3302E/TTVAO</b> Microchip Technology IC REG LINEAR 3.3V 250MA SOT23-3	<b>MCP1700T-5002E/MB</b> Microchip Technology IC REG LINEAR 5V 250MA SOT89-3
					
<b>MCP1700T-3302E/MBVAO</b> Microchip Technology IC REG LINEAR 3.3V 250MA SOT89-3	<b>MCP1700T-2502E</b> MIC	<b>MCP1700T-3002E/TT</b> Microchip Technology IC REG LINEAR 3V 250MA SOT23-3	<b>MCP1700T-2002E/TT</b> Microchip Technology IC REG LINEAR 2V 200MA SOT23-3	<b>MCP1700T-3302E/MB</b> Microchip Technology IC REG LINEAR 3.3V 250MA SOT89-3	<b>MCP1700T-3002E/MB</b> Microchip Technology IC REG LINEAR 3V 250MA SOT89-3
					
<b>MCP1700T-3302E/TT</b> MIC	<b>MCP1700T-2502E/MB</b> Microchip Technology IC REG LINEAR 2.5V 250MA SOT89-3	<b>MCP1700T-3302E</b> Micrel / Microchip Technology	<b>MCP1700T-3502E/TT</b> Microchip Technology IC REG LINEAR 3.5V 250MA SOT23-3	<b>MCP1700T-3302E/TT</b> Microchip Technology IC REG LINEAR 3.3V 250MA SOT23-3	<b>MCP1700T-3602E/TT</b> Microchip Technology IC REG LINEAR 3.6V 250MA 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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