

Image may be representation.  
See specifications for product details.



## MCP1700T-1802E/TT

Manufacturer Part Number **MCP1700T-1802E/TT**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-MCP1700T-1802E/TT**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC REG LINEAR 1.8V 200MA SOT23-3**

Package **TO-236-3, SC-59, SOT-23-3**

Data sheet **Cylindrical Battery Holders.pdf**

**MCP1700 Datasheet.pdf**

RoHs Status **ROHS3 Compliant**

**Get a Quote**

MCP1700T-1802E/TT - Microchip Technology. New Original in Stock. Download Linear Technology MCP1700T-1802E/TT datasheet/specifications on AllelcoElec.com.  
Request a quote for MCP1700T-1802E/TT, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MCP1700T-1802E/TT Tech Specifications

MCP1700T-1802E/TT - 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 @ 200mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	1.8V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	6V	Number of Regulators	1
Supplier Device Package	SOT-23-3	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	4 µA
Protection Features	Over Current, Over Temperature, Short Circuit	Current - Output	200mA
Package / Case	TO-236-3, SC-59, SOT-23-3	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-1802E/TT

Product Attribute				
Part Number	MCP1700T-1802E/TT	MCP1700-5002E/TO	MCP1700-3302E/TO	MCP1700T-1802E/MB
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Output (Min/Fixed)	1.8V	5V	3.3V	1.8V
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
PSRR	44dB (100Hz)	44dB (100Hz)	44dB (100Hz)	44dB (100Hz)
Control Features	-	-	-	-
Mounting Type	Surface Mount	Through Hole	Through Hole	Surface Mount
Supplier Device Package	SOT-23-3	TO-92-3	TO-92-3	SOT-89-3
Current - Output	200mA	250mA	250mA	200mA
Voltage Dropout (Max)	0.35V @ 200mA	0.35V @ 250mA	0.35V @ 250mA	0.35V @ 200mA
Current - Quiescent (Iq)	4 µA	4 µA	4 µA	4 µA
Base Product Number	MCP1700	MCP1700	MCP1700	MCP1700
Voltage - Output (Max)	-	-	-	-
Package / Case	TO-236-3, SC-59, SOT-23-3	TO-226-3, TO-92-3 (TO-226AA)	TO-226-3, TO-92-3 (TO-226AA)	TO-243AA
Output Configuration	Positive	Positive	Positive	Positive
Series	-	-	-	-
Number of Regulators	1	1	1	1
Voltage - Input (Max)	6V	6V	6V	6V
Output Type	Fixed	Fixed	Fixed	Fixed
Package	Tape & Reel (TR)	Bag	Bag	Tape & Reel (TR)

## MCP1700T-1802E/TT Datasheet PDF

Download MCP1700T-1802E/TT pdf datasheets and Microchip Technology documentation for MCP1700T-1802E/TT - 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 Assembly/Origin


 2.73KHz.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



#### MCP1700-5002E/TO

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



#### MCP1700-3302E/TO

Microchip Technology  
IC REG LINEAR 3.3V 250MA TO92-3



#### MCP1700T-1802E/MB

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



#### MCP1700-4002E/TO

Microchip Technology  
IC REG LINEAR 4V 250MA TO92-3



#### MCP1700T-1202E/TT

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



#### MCP1700T-3302/MB

Micrel / Microchip Technology



#### MCP1700T-3002E/TT

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



#### MCP1700T-2502E/TT

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



#### MCP1700T-2002E/TT

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



NO PICTURE

#### MCP1700T-2502E

MIC



#### MCP1700T-2502E/MB

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



NO PICTURE

#### MCP1700T-1202

MICROCH



#### MCP1700T-2802E/MB

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



#### MCP1700T-1202E/MB

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



#### MCP1700T-3302E

Micrel / Microchip Technology



#### MCP1700T-2802E/TT

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



#### MCP1700T-3002E/MB

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



#### MCP1700T-1502E/MB

Microchip Technology  
IC REG LINEAR 1.5V 200MA 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.



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## Certifications & Memberships



View More

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