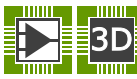



Image may be representation.
See specifications for product details.



MCP1755T-3302E/DC

Manufacturer Part Number	MCP1755T-3302E/DC
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP1755T-3302E/DC
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG LIN 3.3V 300MA SOT223-5
Package	SOT-223-6
Data sheet	Cylindrical Battery Holders.pdf MCP1755/S Datasheet.pdf
RoHs Status	 ROHS3 Compliant

Get a Quote

MCP1755T-3302E/DC - Microchip Technology. New Original in Stock. Download Linear Technology MCP1755T-3302E/DC datasheet/specifications on AllelcoElec.com. Request a quote for MCP1755T-3302E/DC, please send us email: info@allelco.com

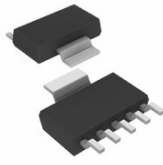



Specifications

MCP1755T-3302E/DC Tech Specifications
MCP1755T-3302E/DC - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Output Type	Fixed
Voltage Dropout (Max)	0.5V @ 300mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	3.3V	Operating Temperature	-40°C ~ 125°C
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	16V	Mounting Type	Surface Mount
Supplier Device Package	SOT-223-5	Current - Supply (Max)	400 µA
Series	-	Current - Quiescent (Iq)	100 µA
Protection Features	Over Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)	Current - Output	300mA
Package / Case	SOT-223-6	Control Features	Enable, Power Good
Package	Tape & Reel (TR)	Base Product Number	MCP1755
PSRR	80dB (1kHz)		

Parts with Similar Specifications


The three parts on the right have similar specifications to Microchip Technology MCP1755T-3302E/DC

Product Attribute				
Part Number	MCP1755T-3302E/DC	MCP1755T-1802E/OT	MCP1755ST-3302E/DB	MCP1790T-5002E/DBVAO
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Protection Features	Over Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)	Over Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)	Over Current, Over Temperature, Short Circuit	Over Current, Over Temperature, Short Circuit
Package / Case	SOT-223-6	SC-74A, SOT-753	TO-261-4, TO-261AA	TO-261-4, TO-261AA
Current - Output	300mA	300mA	300mA	70mA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Base Product Number	MCP1755	MCP1755	MCP1755	MCP1790
PSRR	80dB (1kHz)	80dB (1kHz)	80dB (1kHz)	90dB ~ 80dB (100Hz ~ 1kHz)
Voltage - Output (Max)	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Quiescent (Iq)	100 µA	100 µA	100 µA	130 µA
Output Configuration	Positive	Positive	Positive	Positive
Current - Supply (Max)	400 µA	400 µA	400 µA	210 µA
Voltage Dropout (Max)	0.5V @ 300mA	0.5V @ 300mA	0.5V @ 300mA	1.3V @ 70mA
Number of Regulators	1	1	1	1
Voltage - Output (Min/Fixed)	3.3V	1.8V	3.3V	5V
Series	-	-	-	Automotive, AEC-Q100
Control Features	Enable, Power Good	Enable, Power Good	-	Enable
Output Type	Fixed	Fixed	Fixed	Fixed
Supplier Device Package	SOT-223-5	SOT-23-5	SOT-223-3	SOT-223-3
Voltage - Input (Max)	16V	16V	16V	30V

MCP1755T-3302E/DC Datasheet PDF

Download MCP1755T-3302E/DC pdf datasheets and Microchip Technology documentation for MCP1755T-3302E/DC - 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

HTML Datasheet

MCP1755/S Datasheet.pdf

PCN Design/Specification

Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products



MCP1755T-1802E/OT

Microchip Technology
IC REG LINEAR 1.8V 300MA SOT23-5



MCP1755ST-3302E/DB

Microchip Technology
IC REG LIN 3.3V 300MA SOT23-3



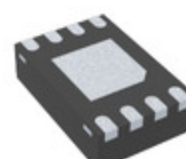
MCP1790T-5002E/DBVAO

Microchip Technology
IC REG LINEAR 5V 70MA SOT23-3



MCP1755S-1802E/DB

Microchip Technology
IC REG LIN 1.8V 300MA SOT23-3



MCP1755T-5002E/MC

Microchip Technology
IC REG LINEAR 5V 300MA 8DFN



MCP1755S-5002E/DB

Microchip Technology
IC REG LINEAR 5V 300MA SOT23-3



MCP1790T-3002E/DB

Microchip Technology
IC REG LINEAR 3V 70MA SOT23-3



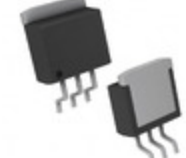
MCP1755S-3302E/DB

Microchip Technology
IC REG LIN 3.3V 300MA SOT23-3



MCP1790T-3302E/DB

Microchip Technology
IC REG LINEAR 3.3V 70MA SOT23-3



MCP1790-5002E/EB

Microchip Technology
IC REG LINEAR 5V 70MA 3DDPAK



MCP1755ST-5002E/DB

Microchip Technology
IC REG LINEAR 5V 300MA SOT23-3



MCP1755ST-1802E/DB

Microchip Technology
IC REG LIN 1.8V 300MA SOT23-3



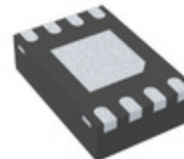
MCP1790-5002E/DB

Microchip Technology
IC REG LINEAR 5V 70MA SOT23-3



MCP1755T-3302E/OT

Microchip Technology
IC REG LINEAR 3.3V 300MA SOT23-5



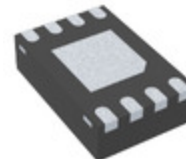
MCP1755T-3302E/MC

Microchip Technology
IC REG LINEAR 3.3V 300MA 8DFN



MCP1790T-5002E/DB

Microchip Technology
IC REG LINEAR 5V 70MA SOT23-3



MCP1755-5002E/MC

Microchip Technology
IC REG LINEAR 5V 300MA 8DFN



MCP1755T-5002E/OT

Microchip Technology
IC REG LINEAR 5V 300MA SOT23-5

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

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



View More

Contact us

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Fax: +00852 3010 8510

Email: info@allelco.com

