



Image may be representation.
See specifications for product details.



MCP1755T-3302E/OT

Manufacturer Part Number **MCP1755T-3302E/OT**

Manufacturer **Microchip Technology**

Allelco Part Number 32D-MCP1755T-3302E/OT

ECAD Model  PCB Symbol, Footprint & 3D Mode

Parts Description **IC REG LINEAR 3.3V 300MA SOT23-5**

Package **SC-74A, SOT-753**

Data sheet **[Cylindrical Battery Holders.pdf](#)**

[MCP1755/S Datasheet.pdf](#)

RoHs Status  **ROHS3 Compliant**

Get a Quote

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

Specifications

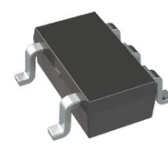



MCP1755T-3302E/OT Tech Specifications

MCP1755T-3302E/OT - 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-23-5	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	SC-74A, SOT-753	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/OT

Product Attribute				
Part Number	MCP1755T-3302E/OT	MCP1790T-5002E/DBVAO	MCP1791T-5002E/DCVAO	MCP1791T-5002E/DC
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Output Configuration	Positive	Positive	Positive	Positive
PSRR	80dB (1kHz)	90dB ~ 80dB (100Hz ~ 1kHz)	90dB ~ 80dB (100Hz ~ 1kHz)	90dB ~ 75dB (100Hz ~ 1kHz)
Series	-	Automotive, AEC-Q100	Automotive, AEC-Q100	-
Protection Features	Over Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)	Over Current, Over Temperature, Short Circuit	Over Current, Over Temperature, Short Circuit	Over Temperature, Short Circuit
Output Type	Fixed	Fixed	Fixed	Fixed
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage Dropout (Max)	0.5V @ 300mA	1.3V @ 70mA	1.3V @ 70mA	1.3V @ 70mA
Current - Output	300mA	70mA	70mA	70mA
Voltage - Output (Min/Fixed)	3.3V	5V	5V	5V
Base Product Number	MCP1755	MCP1790	MCP1791	MCP1791
Package / Case	SC-74A, SOT-753	TO-261-4, TO-261AA	SOT-223-6	SOT-223-6
Voltage - Output (Max)	-	-	-	-
Current - Supply (Max)	400 µA	210 µA	210 µA	210 µA
Control Features	Enable, Power Good	Enable	Enable	Enable, Power Good
Current - Quiescent (Iq)	100 µA	130 µA	130 µA	130 µA
Voltage - Input (Max)	16V	30V	30V	30V
Number of Regulators	1	1	1	1
Supplier Device Package	SOT-23-5	SOT-223-3	SOT-223-5	SOT-223-5
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)


MCP1755T-3302E/OT Datasheet PDF


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





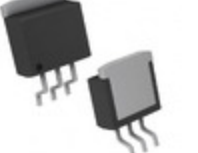








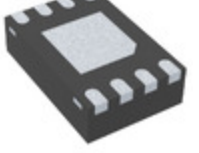




 MCP1755/S Datasheet.pdf

PCN Design/Specification

 Cylindrical Battery Holders.pdf

Customers Also Interested in

Recommended Products

 MCP1790T-5002E/DBVAO Microchip Technology IC REG LINEAR 5V 70MA SOT223-3	 MCP1791T-5002E/DCVAO Microchip Technology IC REG LINEAR 5V 70MA SOT223-5	 MCP1791T-5002E/DC Microchip Technology IC REG LINEAR 5V 70MA SOT223-5	 MCP1790-5002E/DB Microchip Technology IC REG LINEAR 5V 70MA SOT223-3	 MCP1790-5002E/EB Microchip Technology IC REG LINEAR 5V 70MA 3DDPAK	 MCP1790T-3002E/DB Microchip Technology IC REG LINEAR 3V 70MA SOT223-3
 MCP1755ST-1802E/DB Microchip Technology IC REG LIN 1.8V 300MA SOT223-3	 MCP1755T-1802E/OT Microchip Technology IC REG LINEAR 1.8V 300MA SOT23-5	 MCP1755T-3302E/DC Microchip Technology IC REG LIN 3.3V 300MA SOT223-5	 MCP1755T-5002E/OT Microchip Technology IC REG LINEAR 5V 300MA SOT223-5	 MCP1755T-5002E/MC Microchip Technology IC REG LINEAR 5V 300MA 8DFN	 MCP1755S-5002E/DB Microchip Technology IC REG LINEAR 5V 300MA SOT223-3
 MCP1755ST-3302E/DB Microchip Technology IC REG LIN 3.3V 300MA SOT223-3	 MCP1755T-3302E/MC Microchip Technology IC REG LINEAR 3.3V 300MA 8DFN	 MCP1790T-5002E/DB Microchip Technology IC REG LINEAR 5V 70MA SOT223-3	 MCP1755ST-5002E/DB Microchip Technology IC REG LINEAR 5V 300MA SOT223-3	 MCP1790T-3302E/DB Microchip Technology IC REG LINEAR 3.3V 70MA SOT223-3	 MCP1755S-3302E/DB Microchip Technology IC REG LIN 3.3V 300MA SOT223-3

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.



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