

Image may be representation.
See specifications for product details.



MCP1754ST-3302E/DB

Manufacturer Part Number	MCP1754ST-3302E/DB
Manufacturer	Microchip Technology
Allelco Part Number	32D-MCP1754ST-3302E/DB
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG LIN 3.3V 150MA SOT223-3
Package	TO-261-4, TO-261AA
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MCP1754ST-3302E/DB - Microchip Technology. New Original in Stock. Download Linear Technology MCP1754ST-3302E/DB datasheet/specifications on AllelcoElec.com. Request a quote for MCP1754ST-3302E/DB, please send us email: info@allelco.com

Specifications

MCP1754ST-3302E/DB Tech Specifications
MCP1754ST-3302E/DB - 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 @ 150mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	3.3V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	16V	Mounting Type	Surface Mount
Supplier Device Package	SOT-223-3	Current - Supply (Max)	250 µA
Series	-	Current - Quiescent (Iq)	90 µA
Protection Features	Over Current, Over Temperature	Current - Output	150mA
Package / Case	TO-261-4, TO-261AA	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	MCP1754
PSRR	72dB (1kHz)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MCP1754ST-3302E/DB

Product Attribute				
Part Number	MCP1754ST-3302E/DB	MCP1754ST-5002E/CB	MCP1755-5002E/MC	MCP1754ST-1802E/CB
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage Dropout (Max)	0.5V @ 150mA	0.5V @ 150mA	0.5V @ 300mA	0.5V @ 150mA
Voltage - Output (Max)	-	-	-	-
Current - Output	150mA	150mA	300mA	150mA
Current - Supply (Max)	250 µA	250 µA	400 µA	250 µA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	MCP1754	MCP1754	MCP1755	MCP1754
Voltage - Input (Max)	16V	16V	16V	16V
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Supplier Device Package	SOT-223-3	SOT-23A-3	8-DFN (2x3)	SOT-23A-3
Current - Quiescent (Iq)	90 µA	90 µA	100 µA	90 µA
Voltage - Output (Min/Fixed)	3.3V	5V	5V	1.8V
Number of Regulators	1	1	1	1
Series	-	-	-	-
Output Type	Fixed	Fixed	Fixed	Fixed
PSRR	72dB (1kHz)	72dB (1kHz)	80dB (1kHz)	72dB (1kHz)
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature, Short Circuit, Under Voltage Lockout (UVLO)	Over Current, Over Temperature
Output Configuration	Positive	Positive	Positive	Positive
Package / Case	TO-261-4, TO-261AA	TO-236-3, SC-59, SOT-23-3	8-VDFPN Exposed Pad	TO-236-3, SC-59, SOT-23-3
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Control Features	-	-	Enable, Power Good	-

MCP1754ST-3302E/DB Datasheet PDF

Download MCP1754ST-3302E/DB pdf datasheets and Microchip Technology documentation for MCP1754ST-3302E/DB - 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

PCN Assembly/Origin

 SOT-223 Qualification 08/Aug/2013.pdf

PCN Design/Specification

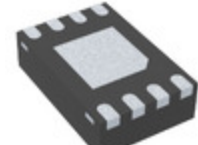
 MCP1754 26/Mar/2021.pdf

Customers Also Interested in

Recommended Products



MCP1754ST-5002E/CB
Microchip Technology
IC REG LINEAR 5V 150MA SOT23A-3



MCP1755-5002E/MC
Microchip Technology
IC REG LINEAR 5V 300MA 8DFN



MCP1754ST-1802E/CB
Microchip Technology
IC REG LIN 1.8V 150MA SOT23A-3



MCP1754ST-5002E/MB
Microchip Technology
IC REG LINEAR 5V 150MA SOT89-3



MCP1727T-ADJE/SN
Microchip Technology
IC REG LINEAR POS ADJ 1.5A 8SOIC



MCP1754S-5002E/DB
Micrel / Microchip Technology



MCP17529EJ
Freescale / NXP Semiconductors



MCP1754ST-1802E/DB
Microchip Technology
IC REG LDO 1.8V 0.15A SOT223-3



MCP1754T-3302E/OT
Microchip Technology
IC REG LINEAR 3.3V 150MA SOT23-5



MCP1754ST-3302E/MB
Microchip Technology
IC REG LINEAR 3.3V 150MA SOT89-3



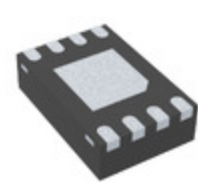
MCP1754T-1802E/CB
Micrel / Microchip Technology



MCP1754-I/SN
Micrel / Microchip Technology



MCP1754ST-1802E/MB
Microchip Technology
IC REG LINEAR 1.8V 150MA SOT89-3



MCP1754T-3302E/MC
Microchip Technology
IC REG LINEAR 3.3V 150MA 8DFN



MCP1727T-ADJE/MF
Microchip Technology
IC REG LINEAR POS ADJ 1.5A 8DFN



MCP1754S-3302E/DB
Micrel / Microchip Technology



MCP1754ST-5002E/DB
Microchip Technology
IC REG LINEAR 5V 150MA SOT223-3



MCP1754ST-3302E/CB
Microchip Technology
IC REG LIN 3.3V 150MA SOT23A-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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 Efficient Supply Management
 Cost-Saving Procurement
 Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships



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