



Image may be representation.
See specifications for product details.



MC7912BTG

Manufacturer Part Number	MC7912BTG
Manufacturer	onsemi
Allelco Part Number	32D-MC7912BTG
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR -12V 1A TO220AB
Package	TO-220-3
Data sheet	Cylindrical Battery Holders.pdf
	MC7900 Series.pdf
RoHs Status	ROHS3 Compliant

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MC7912BTG - onsemi.New Original in Stock. Download Linear Technology MC7912BTG datasheet/specifications on AllelcoElec.com.
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Specifications

MC7912BTG Tech Specifications

MC7912BTG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	61dB (120Hz)
Voltage Dropout (Max)	1.3V @ 1A (Typ)	Output Type	Fixed
Voltage - Output (Min/Fixed)	-12V	Output Configuration	Negative
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	-35V	Number of Regulators	1
Supplier Device Package	TO-220	Mounting Type	Through Hole
Series	-	Current - Output	1A
Protection Features	Over Current, Over Temperature	Control Features	-
Package / Case	TO-220-3	Base Product Number	MC7912
Package	Tube		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC7912BTG

Product Attribute				
Part Number	MC7912BTG	MC7915CD2TG	MC7906CTG	MC7912ACD2T
Manufacturer	onsemi	onsemi	onsemi	onsemi
Number of Regulators	1	1	1	1
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Supplier Device Package	TO-220	D2PAK-3	TO-220	D2PAK-3
Package / Case	TO-220-3	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-220-3	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Base Product Number	MC7912	MC7915	MC7906	MC7912
Series	-	-	-	-
Voltage - Input (Max)	-35V	-35V	-35V	-35V
Package	Tube	Tube	Tube	Tube
Mounting Type	Through Hole	Surface Mount	Through Hole	Surface Mount
Output Configuration	Negative	Negative	Negative	Negative
Control Features	-	-	-	-
Voltage - Output (Max)	-	-	-	-
Current - Output	1A	1A	1A	1A
PSRR	61dB (120Hz)	60dB (120Hz)	65dB (120Hz)	61dB (120Hz)
Voltage Dropout (Max)	1.3V @ 1A (Typ)	1.3V @ 1A (Typ)	1.3V @ 1A (Typ)	1.3V @ 1A (Typ)
Voltage - Output (Min/Fixed)	-12V	-15V	-6V	-12V
Operating Temperature	-40°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C
Output Type	Fixed	Fixed	Fixed	Fixed

MC7912BTG Datasheet PDF

Download MC7912BTG pdf datasheets and onsemi documentation for MC7912BTG - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[Material Declaration MC7912BTG.pdf](#)

HTML Datasheet

[MC7900 Series.pdf](#)

PCN Assembly/Origin



















 2.73KHz.pdf

PCN Packaging

 Tube Shipping Chgs 26/Nov/2020.pdf

Customers Also Interested in

Recommended Products

					
MC7915CD2TG	MC7906CTG	MC7912ACD2T	MC7912CT	MC7908CTG	MC7908CT
onsemi IC REG LINEAR -15V 1A D2PAK	onsemi IC REG LINEAR -6V 1A TO220AB	onsemi IC REG LINEAR -12V 1A D2PAK	onsemi IC REG LINEAR -12V 1A TO220AB	onsemi IC REG LINEAR -8V 1A TO220AB	onsemi IC REG LINEAR -8V 1A TO220AB
					
MC7915ACT	MC7915BTG	MC7912CD2TR4G	MC7912BD2TG	MC7908CD2TR4G	MC7915ACTG
onsemi IC REG LINEAR -15V 1A TO220AB	onsemi IC REG LINEAR -15V 1A TO220AB	onsemi IC REG LINEAR -12V 1A D2PAK	onsemi IC REG LINEAR -12V 1A D2PAK	onsemi IC REG LINEAR -8V 1A D2PAK	onsemi IC REG LINEAR -15V 1A TO220AB
					
MC7915BD2TR4G	MC7912CD2TG	MC7912CTG	MC7912CT	MC7912ACD2TR4G	MC7912BD2TR4G
onsemi IC REG LINEAR -15V 1A D2PAK-3	onsemi IC REG LINEAR -12V 1A D2PAK	onsemi IC REG LINEAR -12V 1A TO220AB	Fairchild Semiconductor IC REG LINEAR -12V 1A TO220AB	onsemi IC REG LINEAR -12V 1A D2PAK	onsemi IC REG LINEAR -12V 1A D2PAK

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 -


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 Cost-Saving Procurement

 Fast Sourcing & Delivery

Contact us if you have any questions.

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