



Image may be representation.
See specifications for product details.



MC7815CT

Manufacturer Part Number	MC7815CT
Manufacturer	onsemi
Allelco Part Number	32D-MC7815CT
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR 15V 1A TO220AB
Package	TO-220-3
Data sheet	TO220B03 Pkg Drawing.pdf MC78zz(z), NCV78zz.pdf MC78zz(z), NCV78zz.pdf MC78xx, LM78xx, MC78xxA.pdf

Get a Quote

MC7815CT - onsemi.New Original in Stock. Download Linear Technology MC7815CT datasheet/specifications on AllelcoElec.com.
Request a quote for MC7815CT, please send us email: info@allelco.com

Specifications

MC7815CT Tech Specifications

MC7815CT - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	58dB (120Hz)
Voltage Dropout (Max)	2V @ 1A (Typ)	Output Type	Fixed
Voltage - Output (Min/Fixed)	15V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	0°C ~ 125°C
Voltage - Input (Max)	35V	Number of Regulators	1
Supplier Device Package	TO-220	Mounting Type	Through Hole
Series	-	Current - Quiescent (Iq)	6.5 mA
Protection Features	Over Temperature, Short Circuit	Current - Output	1A
Package / Case	TO-220-3	Control Features	-
Package	Tube	Base Product Number	MC7815

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC7815CT

Product Attribute				
Part Number	MC7815CT	MC7818CT	MC7815BTG	MC7815CD2TR4G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Current - Output	1A	1A	1A	1A
Control Features	-	-	-	-
Mounting Type	Through Hole	Through Hole	Through Hole	Surface Mount
Package / Case	TO-220-3	TO-220-3	TO-220-3	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Series	-	-	-	-
Base Product Number	MC7815	MC7818	MC7815	MC7815
Output Type	Fixed	Fixed	Fixed	Fixed
Package	Tube	Tube	Tube	Tape & Reel (TR)
Output Configuration	Positive	Positive	Positive	Positive
PSRR	58dB (120Hz)	57dB (120Hz)	58dB (120Hz)	58dB (120Hz)
Operating Temperature	0°C ~ 125°C	0°C ~ 125°C	-40°C ~ 125°C	0°C ~ 125°C
Voltage Dropout (Max)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)
Protection Features	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit
Voltage - Input (Max)	35V	35V	35V	35V
Current - Quiescent (Iq)	6.5 mA	6.5 mA	8 mA	6.5 mA
Number of Regulators	1	1	1	1
Voltage - Output (Min/Fixed)	15V	18V	15V	15V
Voltage - Output (Max)	-	-	-	-
Supplier Device Package	TO-220	TO-220	TO-220	D2PAK-3

MC7815CT Datasheet PDF


Download MC7815CT pdf datasheets and onsemi documentation for MC7815CT - onsemi.

Datasheets

- [TO220B03 Pkg Drawing.pdf](#)
- [MC78zz\(z\), NCV78zz.pdf](#)
- [MC78xx, LM78xx, MC78xxA.pdf](#)

Environmental Information

- [onsemi RoHS.pdf](#)

 MC78zz(z), NCV78zz.pdf

Customers Also Interested in

Recommended Products


MC7818CT

 onsemi
 IC REG LINEAR 18V 1A TO220AB

MC7815BTG

 onsemi
 IC REG LINEAR 15V 1A TO220AB

MC7815CD2TR4G

 onsemi
 IC REG LINEAR 15V 1A D2PAK

MC7818CD2T

 onsemi
 IC REG LINEAR 18V 1A D2PAK

MC7818ACTG

 onsemi
 IC REG LINEAR 18V 1A TO220AB

MC7818CTG

 onsemi
 IC REG LINEAR 18V 1A TO220AB

MC7818CD2TR4G

 onsemi
 IC REG LINEAR 18V 1A D2PAK

MC7815CD2TG

 onsemi
 IC REG LINEAR 15V 1A D2PAK

MC7818BTG

 onsemi
 IC REG LINEAR 18V 1A TO220AB

MC7818BT

 onsemi
 IC REG LINEAR 18V 1A TO220AB

MC7815CDTRKG

 onsemi
 IC REG LINEAR 15V 1A DPAK

MC7815BT

 onsemi
 IC REG LINEAR 15V 1A TO220AB

MC7815CTG

 onsemi
 IC REG LINEAR 15V 1A TO220AB

MC7815CD2T

 onsemi
 IC REG LINEAR 15V 1A D2PAK

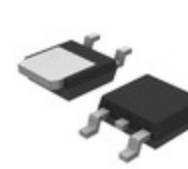
MC7824ACT

 onsemi
 IC REG LINEAR 24V 1A TO220AB

MC7815CDTG

 onsemi
 IC REG LINEAR 15V 1A DPAK

MC7815CD2TR4

 onsemi
 IC REG LINEAR 15V 1A D2PAK

MC7815CDTRK

 onsemi
 IC REG LINEAR 15V 1A DPAK

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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Email

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Certifications & Memberships



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