



Image may be representation.  
See specifications for product details.



## MC7906CT

Manufacturer Part Number	<b>MC7906CT</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MC7906CT
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR -6V 1A TO220AB
Package	TO-220-3
Data sheet	<b>MC7900 Series.pdf</b> <b>MC7900 Series.pdf</b>

**Get a Quote**

MC7906CT - onsemi.New Original in Stock. Download Linear Technology MC7906CT datasheet/specifications on AllelcoElec.com.  
Request a quote for MC7906CT, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MC7906CT Tech Specifications  
MC7906CT - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	65dB (120Hz)
Voltage Dropout (Max)	1.3V @ 1A (Typ)	Output Type	Fixed
Voltage - Output (Min/Fixed)	-6V	Output Configuration	Negative
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 - Output	1A
Protection Features	Over Current, Over Temperature	Control Features	-
Package / Case	TO-220-3	Base Product Number	MC7906
Package	Tube		

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC7906CT

Product Attribute				
Part Number	MC7906CT	MC7905CT	MC7912BD2TR4G	MC7908CTG
Manufacturer	onsemi	Fairchild Semiconductor	onsemi	onsemi
Base Product Number	MC7906	-	MC7912	MC7908
Protection Features	Over Current, Over Temperature	Over Temperature, Short Circuit	Over Current, Over Temperature	Over Current, Over Temperature
Number of Regulators	1	1	1	1
Control Features	-	-	-	-
Voltage Dropout (Max)	1.3V @ 1A (Typ)	2V @ 1A	1.3V @ 1A (Typ)	1.3V @ 1A (Typ)
Package	Tube	Tube	Tape & Reel (TR)	Tube
Voltage - Output (Max)	-	-	-	-
Package / Case	TO-220-3	TO-220-3	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB	TO-220-3
Voltage - Output (Min/Fixed)	-6V	-5V	-12V	-8V
Current - Output	1A	1A	1A	1A
Supplier Device Package	TO-220	TO-220-3	D2PAK-3	TO-220
Series	-	-	-	-
Output Configuration	Negative	Negative	Negative	Negative
Voltage - Input (Max)	-35V	-35V	-35V	-35V
Operating Temperature	0°C ~ 125°C	0°C ~ 125°C (TJ)	-40°C ~ 125°C	0°C ~ 125°C
Output Type	Fixed	Fixed	Fixed	Fixed
PSRR	65dB (120Hz)	60dB (120Hz)	61dB (120Hz)	62dB (120Hz)
Mounting Type	Through Hole	Through Hole	Surface Mount	Through Hole

### MC7906CT Datasheet PDF

Download MC7906CT pdf datasheets and onsemi documentation for MC7906CT - onsemi.

#### Datasheets

MC7900 Series.pdf

#### Environmental Information

onsemi REACH.pdf



















onsemi RoHS.pdf

#### HTML Datasheet

MC7900 Series.pdf

## Customers Also Interested in

### Recommended Products

					
<b>MC7905CT</b> Fairchild Semiconductor IC REG LINEAR -5V 1A TO220-3	<b>MC7912BD2TR4G</b> onsemi IC REG LINEAR -12V 1A D2PAK	<b>MC7908CTG</b> onsemi IC REG LINEAR -8V 1A TO220AB	<b>MC7912BD2TG</b> onsemi IC REG LINEAR -12V 1A D2PAK	<b>MC7905C</b> Fairchild (onsemi)	<b>MC7912ACD2T</b> onsemi IC REG LINEAR -12V 1A D2PAK
					
<b>MC7905CD2TR4G</b> onsemi IC REG LINEAR -5V 1A D2PAK	<b>MC7905CTG</b> onsemi IC REG LINEAR -5V 1A TO220AB	<b>MC7906CD2TG</b> onsemi IC REG LINEAR -6V 1A D2PAK	<b>MC7905K</b>	<b>MC7905CD</b> MOTOROLA	<b>MC7905CK</b> MOTOROLA
					
<b>MC7905CT</b> onsemi IC REG LINEAR -5V 1A TO220AB	<b>MC7905CD2TR4</b> onsemi IC REG LINEAR -5V 1A D2PAK	<b>MC7908CT</b> onsemi IC REG LINEAR -8V 1A TO220AB	<b>MC7906CTG</b> onsemi IC REG LINEAR -6V 1A TO220AB	<b>MC7912ACD2TR4G</b> onsemi IC REG LINEAR -12V 1A D2PAK	<b>MC7908CD2TR4G</b> onsemi IC REG LINEAR -8V 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.

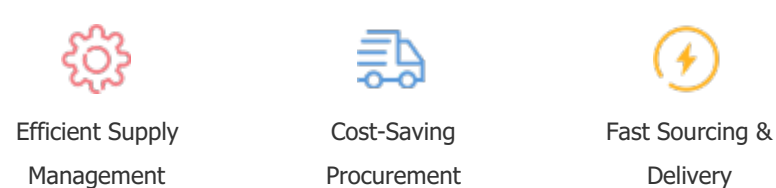
### Payment Support

The payment method can be chosen from the methods shown below:

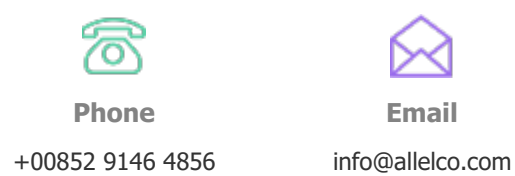
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



[View More](#)