

Image may be representation.
See specifications for product details.



NCP1117DTARKG

Manufacturer Part Number	NCP1117DTARKG
Manufacturer	onsemi
Allelco Part Number	32D-NCP1117DTARKG
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR POS ADJ 1A DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	NCP,NCV1117.pdf
	NCP,NCV1117.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCP1117DTARKG - onsemi.New Original in Stock. Download Linear Technology NCP1117DTARKG datasheet/specifications on AllelcoElec.com.
Request a quote for NCP1117DTARKG, please send us email: info@allelco.com

Specifications

NCP1117DTARKG Tech Specifications
NCP1117DTARKG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	73dB (120Hz)
Voltage Dropout (Max)	1.2V @ 800mA	Output Type	Adjustable
Voltage - Output (Min/Fixed)	1.25V	Output Configuration	Positive
Voltage - Output (Max)	18.8V	Operating Temperature	0°C ~ 125°C
Voltage - Input (Max)	20V	Number of Regulators	1
Supplier Device Package	DPAK	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	10 mA
Protection Features	Over Current, Over Temperature	Current - Output	1A
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	NCP1117

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP1117DTARKG

Product Attribute				
Part Number	NCP1117DTARKG	NCP1117LPST25T3G	NCP1117LPST25T3G	NCP1117IST50T3G
Manufacturer	onsemi	onsemi	Fairchild Semiconductor	onsemi
Voltage - Input (Max)	20V	18V	18V	20V
Current - Quiescent (Iq)	10 mA	700 µA	700 µA	10 mA
Number of Regulators	1	1	1	1
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Tape & Reel (TR)
Current - Output	1A	1A	1A	1A
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage Dropout (Max)	1.2V @ 800mA	1.4V @ 1A	1.4V @ 1A	1.2V @ 800mA
Base Product Number	NCP1117	NCP1117	NCP1117	NCP1117
Control Features	-	-	-	-
Operating Temperature	0°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C	-40°C ~ 125°C (TA)
PSRR	73dB (120Hz)	60dB (120Hz)	60dB (120Hz)	61dB (120Hz)
Voltage - Output (Min/Fixed)	1.25V	2.5V	2.5V	5V
Series	-	-	-	Automotive, AEC-Q100
Output Configuration	Positive	Positive	Positive	Positive
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-261-4, TO-261AA	TO-261-4, TO-261AA	TO-261-4, TO-261AA
Voltage - Output (Max)	18.8V	-	-	-
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Output Type	Adjustable	Fixed	Fixed	Fixed
Supplier Device Package	DPAK	SOT-223	SOT-223	SOT-223

NCP1117DTARKG Datasheet PDF

Download NCP1117DTARKG pdf datasheets and onsemi documentation for NCP1117DTARKG - onsemi.

Datasheets

[NCP,NCV1117.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)








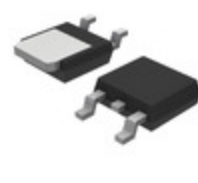
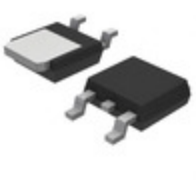
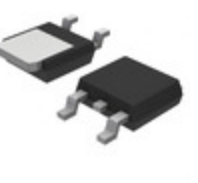
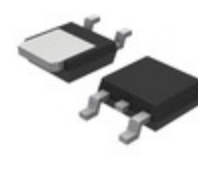
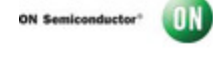
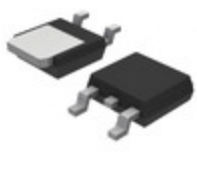





[onsemi RoHS.pdf](#)

[Material Declaration NCP1117DTARKG.pdf](#)

HTML Datasheet

Customers Also Interested in

Recommended Products

					
NCP1117LPST25T3G onsemi IC REG LINEAR 2.5V 1A SOT223	NCP1117LPST25T3G Fairchild Semiconductor IC REG LINEAR FIXED POS LDO REG	NCP1117IST50T3G onsemi LDO REGULATOR, 1 A, FIXED AND AD	NCP1117LPST33T3G onsemi IC REG LINEAR 3.3V 1A SOT223	NCP1117DT33RK MOS AMI Semiconductor/onsemi	NCP1117DTARKG MOS AMI Semiconductor/onsemi
					
NCP1117LPST18T3G onsemi IC REG LINEAR 1.8V 1A SOT223	NCP1117DT33RK onsemi IC REG LINEAR 3.3V 1A DPAK	NCP1117DT50RK onsemi IC REG LINEAR 5V 1A DPAK	NCP1117DT33RK onsemi IC REG LINEAR 3.3V 1A DPAK	NCP1117DT50RK onsemi IC REG LINEAR 5V 1A DPAK	NCP1117DT50 MOS AMI Semiconductor/onsemi
					
NCP1117DTAT5G onsemi IC REG LINEAR POS ADJ 1A DPAK	NCP1117DT50T5G AMI Semiconductor/onsemi	NCP1117DT33T5G onsemi IC REG LINEAR 3.3V 1A DPAK	NCP1117DTARK onsemi IC REG LINEAR POS ADJ 1A DPAK	NCP1117DT50G onsemi IC REG LINEAR 5V 1A DPAK	NCP1117LPST15T3G onsemi IC REG LINEAR 1.5V 1A SOT223

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.

-  Phone
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Certifications & Memberships



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