

Image may be representation.
See specifications for product details.



NCP117DT18RKG

Manufacturer Part Number **NCP117DT18RKG**

Manufacturer **onsemi**

Allelco Part Number **32D-NCP117DT18RKG**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC REG LINEAR 1.8V 1A DPAK**

Package **TO-252-3, DPak (2 Leads + Tab), SC-63**

Data sheet **[Cylindrical Battery Holders.pdf](#)**

[NCP,NCV1117.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

NCP117DT18RKG - onsemi.New Original in Stock. Download Linear Technology NCP117DT18RKG datasheet/specifications on AllelcoElec.com.
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Specifications

NCP117DT18RKG Tech Specifications

NCP117DT18RKG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	70dB (120Hz)
Voltage Dropout (Max)	1.2V @ 800mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	1.8V	Output Configuration	Positive
Voltage - Output (Max)	-	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 NCP117DT18RKG

Product Attribute				
Part Number	NCP117DT18RKG	NCP117DT18RK	NCP117DT18T5G	NCP117DT285RK
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - Output (Min/Fixed)	1.8V	1.8V	1.8V	2.85V
Base Product Number	NCP1117	NCP1117	NCP1117	NCP1117
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Input (Max)	20V	20V	20V	20V
Current - Quiescent (Iq)	10 mA	10 mA	10 mA	10 mA
Series	-	-	-	-
Number of Regulators	1	1	1	1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Output (Max)	-	-	-	-
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Current - Output	1A	1A	1A	1A
Operating Temperature	0°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63
Voltage Dropout (Max)	1.2V @ 800mA	1.2V @ 800mA	1.2V @ 800mA	1.2V @ 800mA
Supplier Device Package	DPAK	DPAK	DPAK	DPAK
Output Configuration	Positive	Positive	Positive	Positive
Control Features	-	-	-	-
Output Type	Fixed	Fixed	Fixed	Fixed
PSRR	70dB (120Hz)	70dB (120Hz)	70dB (120Hz)	68dB (120Hz)

NCP117DT18RKG Datasheet PDF

Download NCP117DT18RKG pdf datasheets and onsemi documentation for NCP117DT18RKG - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

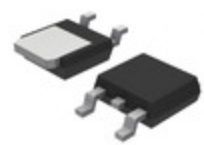
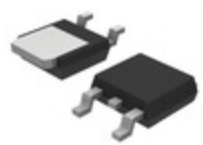
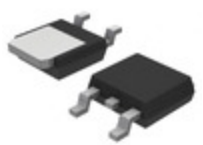
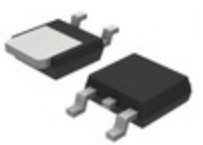

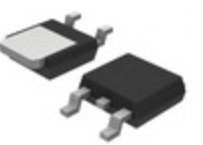
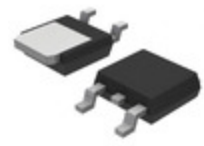

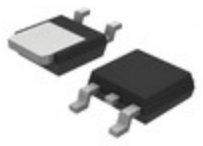
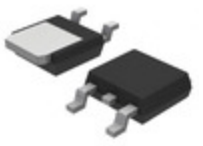


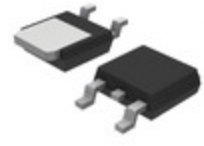
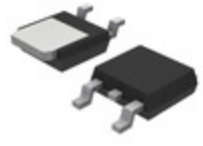
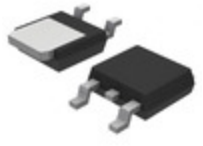

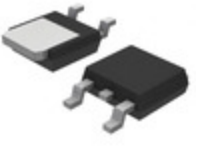

[Material Declaration NCP117DT18RKG.pdf](#)

PCN Assembly/Origin

HTML Datasheet

Customers Also Interested in

Recommended Products

 NCP1117DT18RK onsemi IC REG LINEAR 1.8V 1A DPAK	 NCP1117DT18T5G onsemi IC REG LINEAR 1.8V 1A DPAK	 NCP1117DT285RK onsemi IC REG LINEAR 2.85V 1A DPAK	 NCP1117DT25T5G onsemi IC REG LINEAR 2.5V 1A DPAK	 NCP1117DT12RKG onsemi IC REG LINEAR 12V 1A DPAK	 NCP1117DT25RKG onsemi IC REG LINEAR 2.5V 1A DPAK
 NCP1117DT12G onsemi IC REG LINEAR 12V 1A DPAK	 NCP1117DT18G MOS AMI Semiconductor/onsemi	 NCP1117DT33 onsemi IC REG LINEAR 3.3V 1A DPAK	 NCP1117DT285RKG onsemi IC REG LINEAR 2.85V 1A DPAK	 NCP1117-5G AMI Semiconductor/onsemi	 NCP1117-2.5 AMI Semiconductor/onsemi
 NCP1117DT20RKG onsemi IC REG LINEAR 2V 1A DPAK	 NCP1117DT18G onsemi IC REG LINEAR 1.8V 1A DPAK	 NCP1117DT25G onsemi IC REG LINEAR 2.5V 1A DPAK	 NCP1117DT15RKG onsemi IC REG LINEAR 1.5V 1A DPAK	 NCP1117DT15G onsemi IC REG LINEAR 1.5V 1A DPAK	 NCP1117DT18RKG MOS AMI Semiconductor/onsemi

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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Certifications & Memberships



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