

Image may be representation.
See specifications for product details.



NCP1117DT50RKG

Manufacturer Part Number **NCP1117DT50RKG**

Manufacturer **onsemi**

Allelco Part Number **32D-NCP1117DT50RKG**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC REG LINEAR 5V 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**

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Specifications

NCP1117DT50RKG Tech Specifications

NCP1117DT50RKG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	61dB (120Hz)
Voltage Dropout (Max)	1.2V @ 800mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	5V	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 NCP1117DT50RKG

Product Attribute				
Part Number	NCP1117DT50RKG	NCP1117DT33RKG	NCP1117DT33	NCP1117DT33RK
Manufacturer	onsemi	onsemi	onsemi	onsemi
Current - Quiescent (Iq)	10 mA	10 mA	10 mA	10 mA
Base Product Number	NCP1117	NCP1117	NCP1117	NCP1117
Voltage Dropout (Max)	1.2V @ 800mA	1.2V @ 800mA	1.2V @ 800mA	1.2V @ 800mA
Operating Temperature	0°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C
Output Configuration	Positive	Positive	Positive	Positive
Voltage - Output (Min/Fixed)	5V	3.3V	3.3V	3.3V
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
Number of Regulators	1	1	1	1
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Control Features	-	-	-	-
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Supplier Device Package	DPAK	DPAK	DPAK	DPAK
Series	-	-	-	-
Voltage - Output (Max)	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Output	1A	1A	1A	1A
PSRR	61dB (120Hz)	64dB (120Hz)	64dB (120Hz)	64dB (120Hz)
Output Type	Fixed	Fixed	Fixed	Fixed
Voltage - Input (Max)	20V	20V	20V	20V

NCP1117DT50RKG Datasheet PDF

Download NCP1117DT50RKG pdf datasheets and onsemi documentation for NCP1117DT50RKG - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration NCP1117DT50RKG.pdf](#)

PCN Assembly/Origin

2.73KHz.pdf

HTML Datasheet

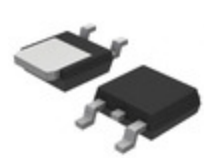

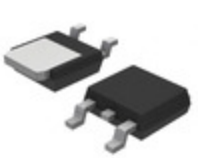
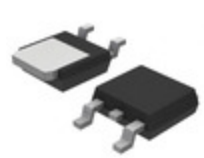

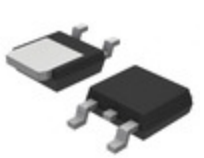


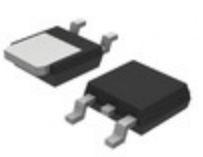
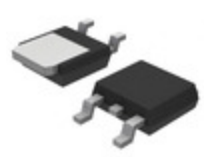

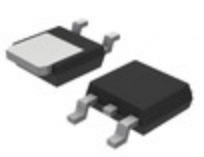
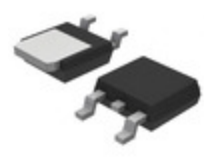
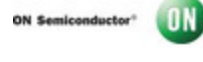
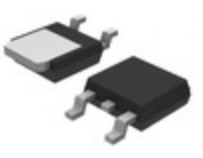
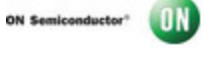

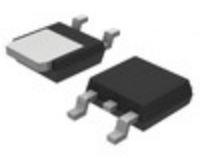
NCP,NCV1117.pdf

PCN Packaging

2.73KHz.pdf

Customers Also Interested in

Recommended Products

 NCP1117DT33RKG onsemi IC REG LINEAR 3.3V 1A DPAK	 NCP1117DT33RK MOS AMI Semiconductor/onsemi	 NCP1117DT33 onsemi IC REG LINEAR 3.3V 1A DPAK	 NCP1117DT33RK onsemi IC REG LINEAR 3.3V 1A DPAK	 NCP1117LPST15T3G onsemi IC REG LINEAR 1.5V 1A SOT223	 NCP1117DTARK onsemi IC REG LINEAR POS ADJ 1A DPAK
 NCP1117DTARKG MOS AMI Semiconductor/onsemi	 NCP1117DT33 MOS AMI Semiconductor/onsemi	 NCP1117DT50G onsemi IC REG LINEAR 5V 1A DPAK	 NCP1117DTARKG onsemi IC REG LINEAR POS ADJ 1A DPAK	 NCP1117LPST18T3G onsemi IC REG LINEAR 1.8V 1A SOT223	 NCP1117DT33T5G onsemi IC REG LINEAR 3.3V 1A DPAK
 NCP1117DT50RK onsemi IC REG LINEAR 5V 1A DPAK	 NCP1117DT50T5G AMI Semiconductor/onsemi	 NCP1117DTAT5G onsemi IC REG LINEAR POS ADJ 1A DPAK	 NCP1117DT50 MOS AMI Semiconductor/onsemi	 NCP1117IST50T3G onsemi LDO REGULATOR, 1 A, FIXED AND AD	 NCP1117DT33G onsemi IC REG LINEAR 3.3V 1A DPAK

Shipment

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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.

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