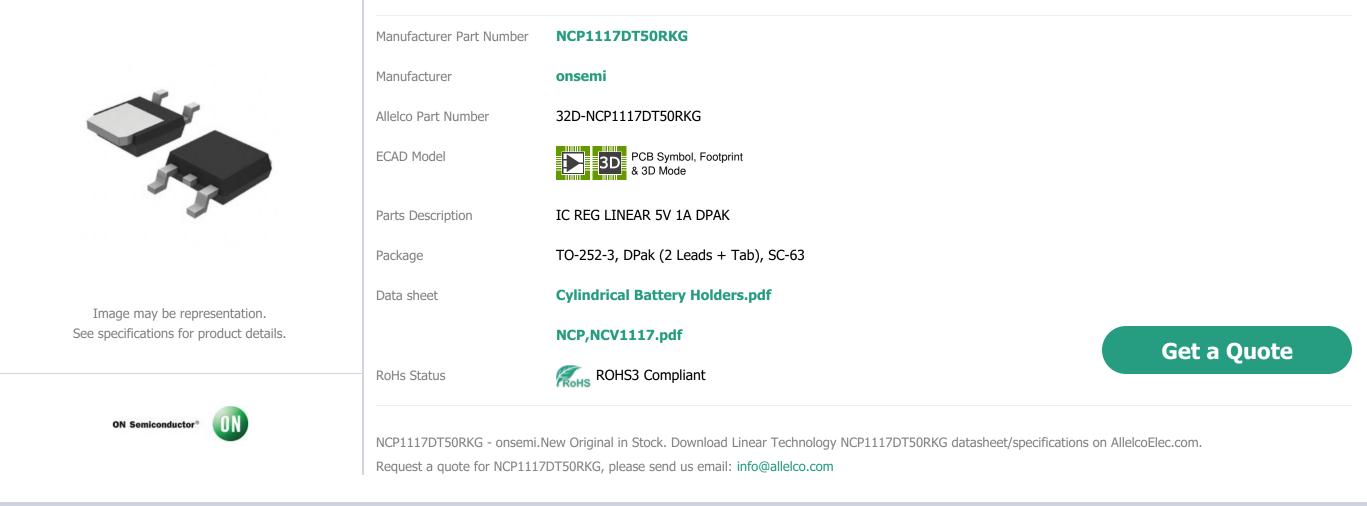


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NCP1117DT50RKG



Specifications

NCP1117DT50RKG Tech Specifications

 $\label{eq:NCP1117DT50RKG-onsemi technical specifications, attributes, parameters$

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

Pertex AttributeSymbolSymbolSymbolSymbolFor NumberRP111275986KP111275986RP11127598RP11127598RP11127598For NumberRevelRevelSavarSavarSavarSavarSavarFor RumberRevelNavarSavarSavarSavarSavarFor SavarBranBranSavarSavarSavarSavarFor SavarBranBranSavarSavarSavarSavarFor SavarSavarSavarSavarSavarSavarSavarFor SavarSavar					
ManufactureroxenioxenioxenioxenioxeniCurrent-opiescent (ig)0nA0nA0nA0nA0nABase Product NumberFCNIIFNDIITMPIIFMPIIFMPIIFVoltage Depart (May)2x0 dibnA12x0 dibnA12x0 dibnA2x0 dibnA0c - 128°COperating TemperaturePerliseNotificeNotificeNotificeNotificeOperating TemperaturePerliseNotificeNotificeNotificeNotificeOperating TemperaturePerliseNotificeNotificeNotificeNotificeOperating TemperaturePerliseNotificeNotificeNotificeNotificeOperating TemperaturePerliseNotificeNotificeNotificeNotificeOperating TemperaturePerliseNotificeNotificeNotificeNotificeOperating TemperaturePerliseNotificeNotificeNotificeNotificeNumber of RegulatorsNotificeNotificeNotificeNotificeNotificeNumber of RegulatorsNotificeNotificeNotificeNotificeNotificeNumber of RegulatorsNotificeNotificeNotificeNotificeNotificeNumber of RegulatorsNotificeNotificeNotificeNotificeNotificeNumber of RegulatorsNotificeNotificeNotificeNotificeNotificeNumber of RegulatorsNotificeNotificeNotificeNotificeNotifice	Product Attribute			53	
Amene quescent que Camero que de la comparison de la c	Part Number	NCP1117DT50RKG	NCP1117DT33RKG	NCP1117DT33	NCP1117DT33RK
Assert NoteRP117RP117RP117RP117RP117RP117I Calse Product NameL24 BornAL24 BornAL24 BornAL24 BornAL24 BornAL24 BornAI Calse TemperatureG=125°CG=125°CG=125°CG=125°CG=125°CI Calupt ConfigurationFalsePatienSalteG=125°CG=125°CI Calse C	Manufacturer	onsemi	onsemi	onsemi	onsemi
Name Page Part of the second se	Current - Quiescent (Iq)	10 mA	10 mA	10 mA	10 mA
President in the second seco	Base Product Number	NCP1117	NCP1117	NCP1117	NCP1117
Ander AnderAnder AnderAnder AnderAnderOutputChingtontPathPathPathPathPathValage-Output(Mir/Pace)SSSSSAnder GrageT223.0PA(2Lass +Tal).0ST223.0PA(2Lass +Tal).0ST223.0PA(2Lass +Tal).0ST223.0PA(2Lass +Tal).0SAnder GrageST223.0PA(2Lass +Tal).0ST223.0PA(2Lass +Tal).0ST223.0PA(2Lass +Tal).0ST223.0PA(2Lass +Tal).0SAnder GrageT223.0PA(2Lass +Tal).0ST223.0PA(2Lass +Tal).0ST223.0PA(2Lass +Tal).0ST223.0PA(2Lass +Tal).0SAnder GrageT	Voltage Dropout (Max)	1.2V @ 800mA	1.2V @ 800mA	1.2V @ 800mA	1.2V @ 800mA
Notage-OutputAnd 	Operating Temperature	0°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C	0°C ~ 125°C
Ander of the second s	Output Configuration	Positive	Positive	Positive	Positive
Number of RegulationAdditionAdditionAdditionNumber of Regulation1111PackanTaka Rat(Rition)Taka Rat(Rition)Taka Rat(Rition)Taka Rat(Rition)Control PackanControl PackanPackan PackanControl PackanSeriesControl PackanSeriesSeriesSeries </td <td>Voltage - Output (Min/Fixed)</td> <td>5V</td> <td>3.3V</td> <td>3.3V</td> <td>3.3V</td>	Voltage - Output (Min/Fixed)	5V	3.3V	3.3V	3.3V
PackageImage: Algebra and the set of the	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63			
I control FaturesI	Number of Regulators	1	1	1	1
Image: Note of the service of the s	Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Image: A constraint of the second s	Control Features	-	-	-	-
SrieImage: Single stateImage: Single stateSeriesImage: Single stateImage: Single stateImage: Single stateVoltage Output (Max)Image: Single stateImage: Single stateImage: Single stateMounting TypeImage: Single stateImage: Single stateImage: Single stateImage: Single stateOutput OutputImage: Single stateImage: Single stateImage: Single stateImage: Single stateOutput OutputImage: Single stateImage: Single stateImage: Single stateImage: Single stateOutput OutputImage: Single stateImage: Single stateImage: Single stateImage: Single stateOutput OutputImage: Single stateImage: Single stateImage: Single stateImage: Single stateOutput OutputImage: Single stateImage: Single stateImage: Single stateImage: Single stateImage: Single stateOutput Output Out	Protection Features	Over Current, Over Temperature			
Voltage Output (Max)Image: Constraint of the second se	Supplier Device Package	DPAK	DPAK	DPAK	DPAK
Mounting TypeSurface MountSurface MountSurface MountSurface MountSurface MountCurrent - OutputAAAAAAPSROld (2012)Output TypeSurface MountSurface MountSurface MountSurface MountHourt TypeFindFindSurface MountSurface MountSurface MountSurface Mount	Series	-	-	-	-
Current - OutputIAIAIAIAPSR618 (20H2)648 (20H2)648 (20H2)648 (20H2)Output TypeFixedFixedFixedFixedFixed	Voltage - Output (Max)	-	-	-	-
PSRR 61dB (120Hz) 64dB (120Hz) 64dB (120Hz) 64dB (120Hz) Output Type Fixed Fixed Fixed Fixed Fixed	Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Type Fixed Fixed Fixed Fixed Fixed	Current - Output	1A	1A	1A	1A
	PSRR	61dB (120Hz)	64dB (120Hz)	64dB (120Hz)	64dB (120Hz)
Voltage - Input (Max) 20V 20V 20V	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

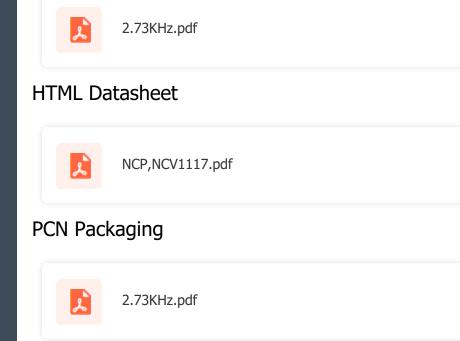
Environmental Information





Material Declaration NCP1117DT50RKG.pdf

PCN Assembly/Origin



Customers Also Interested in

Recommended Products





NCP1117DT33RKG

onsemi IC REG LINEAR 3.3V 1A DPAK

ON Semiconductor*

NCP1117DTARKG MOS

AMI Semiconductor/onsemi

NCP1117DT33RK MOS AMI Semiconductor/onsemi

NCP1117DT33 MOS

AMI Semiconductor/onsemi

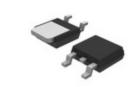


NCP1117DT33 onsemi IC REG LINEAR 3.3V 1A DPAK

NCP1117DT50G

onsemi

IC REG LINEAR 5V 1A DPAK



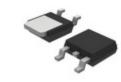
NCP1117DT33RK

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





NCP1117DT33T5G

onsemi IC REG LINEAR 3.3V 1A DPAK



onsemi IC REG LINEAR 1.8V 1A SOT223

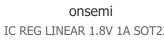














NCP1117DTARKG

onsemi

IC REG LINEAR POS ADJ 1A DPAK

NCP1117IST50T3G

NCP1117DT33G



NCP1117DT50T5G

NCP1117DTAT5G

NCP1117DT50 MOS







onsemi IC REG LINEAR 5V 1A DPAK

NCP1117DT50RK

AMI Semiconductor/onsemi

onsemi IC REG LINEAR POS ADJ 1A DPAK AMI Semiconductor/onsemi

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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
America	Brazil	7
	Germany	5
Europe	United Kingdom	4
	Italy	5
Oceania	Australia	6
Oceania	New Zealand	7
Asia	India	6
Азіа	Japan	7
Middle East	Israel	6

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

DHL & FedEx Shipment Charges Reference

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

Your Faithful Supply Chain Partner -

Certifications & Memberships

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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