

Image may be representation.  
See specifications for product details.



## NCP551SN27T1G

Manufacturer Part Number	<b>NCP551SN27T1G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NCP551SN27T1G
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR 2.7V 150MA 5TSOP
Package	SOT-23-5 Thin, TSOT-23-5
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
	<b>NCP, NCV551.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

NCP551SN27T1G - onsemi.New Original in Stock. Download Linear Technology NCP551SN27T1G datasheet/specifications on AllelcoElec.com.  
Request a quote for NCP551SN27T1G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NCP551SN27T1G Tech Specifications

NCP551SN27T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Type	Fixed
Voltage Dropout (Max)	0.15V @ 10mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	2.7V	Operating Temperature	-40°C ~ 85°C
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	12V	Mounting Type	Surface Mount
Supplier Device Package	5-TSOP	Current - Supply (Max)	8 µA
Series	-	Current - Quiescent (Iq)	8 µA
Protection Features	Over Current, Over Temperature	Current - Output	150mA
Package / Case	SOT-23-5 Thin, TSOT-23-5	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	NCP551
PSRR	-		

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP551SN27T1G

Product Attribute				
Part Number	NCP551SN27T1G	<b>NCP5501DT50G</b>	<b>NCP551SN32T1G</b>	<b>NCP551SN25T1G</b>
Manufacturer	onsemi	onsemi	onsemi	onsemi
Current - Quiescent (Iq)	8 µA	500 µA	8 µA	8 µA
Output Configuration	Positive	Positive	Positive	Positive
Supplier Device Package	5-TSOP	DPAK	5-TSOP	5-TSOP
Voltage - Input (Max)	12V	16V	12V	12V
Base Product Number	NCP551	NCP5501	NCP551	NCP551
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Voltage Dropout (Max)	0.15V @ 10mA	0.7V @ 500mA	0.15V @ 10mA	0.22V @ 10mA
PSRR	-	75dB ~ 70dB (120Hz ~ 10kHz)	-	-
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Control Features	Enable	Enable	Enable	Enable
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature	Over Current, Over Temperature
Current - Output	150mA	500mA	150mA	150mA
Voltage - Output (Min/Fixed)	2.7V	5V	3.2V	2.5V
Number of Regulators	1	1	1	1
Package / Case	SOT-23-5 Thin, TSOT-23-5	TO-252-3, DPak (2 Leads + Tab), SC-63	SOT-23-5 Thin, TSOT-23-5	SOT-23-5 Thin, TSOT-23-5
Voltage - Output (Max)	-	-	-	-
Output Type	Fixed	Fixed	Fixed	Fixed
Current - Supply (Max)	8 µA	20 mA	8 µA	8 µA

### NCP551SN27T1G Datasheet PDF

Download NCP551SN27T1G pdf datasheets and onsemi documentation for NCP551SN27T1G - onsemi.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)


#### Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration NCP551SN27T1G.pdf](#)

## PCN Assembly/Origin

 Wafer Fab 29/Sep/2022.pdf

## HTML Datasheet

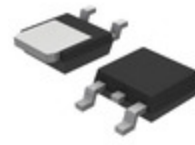

















 NCP, NCV551.pdf

## PCN Design/Specification

 Cylindrical Battery Holders.pdf

## Customers Also Interested in

### Recommended Products

					
<b>NCP5501DT50G</b>	<b>NCP551SN32T1G</b>	<b>NCP551SN25T1G</b>	<b>NCP5501DT50RKG</b>	<b>NCP552SQ33T1</b>	<b>NCP551SN18T1G</b>
onsemi IC REG LINEAR 5V 500MA DPAK	onsemi IC REG LINEAR 3.2V 150MA 5TSOP	onsemi IC REG LINEAR 2.5V 150MA 5TSOP	onsemi IC REG LINEAR 5V 500MA DPAK	onsemi IC REG LINEAR 3.3V 80MA SC82AB	onsemi IC REG LINEAR 1.8V 150MA 5TSOP
					
<b>NCP551SN15T1G</b>	<b>NCP551SN30T1G</b>	<b>NCP553SQ18T1</b>	<b>NCP551SN33T1</b>	<b>NCP551SN33T1G</b>	<b>NCP5504DTRKG</b>
onsemi IC REG LINEAR 1.5V 150MA 5TSOP	onsemi IC REG LINEAR 3V 150MA 5TSOP	onsemi IC REG LINEAR 1.8V 80MA SC82AB	onsemi IC REG LINEAR 3.3V 150MA 5TSOP	onsemi IC REG LINEAR 3.3V 150MA 5TSOP	onsemi IC REG LINEAR POS ADJ DPAK-5
					
<b>NCP551SN25T1</b>	<b>NCP551SN50T1G</b>	<b>NCP553SQ15T1</b>	<b>NCP553SQ15T1G</b>	<b>NCP551SN28T1G</b>	<b>NCP551SN15T1</b>
onsemi IC REG LINEAR 2.5V 150MA 5TSOP	onsemi IC REG LINEAR 5V 150MA 5TSOP	onsemi IC REG LINEAR 1.5V 80MA SC82AB	onsemi IC REG LINEAR 1.5V 80MA SC82AB	onsemi IC REG LINEAR 2.8V 150MA 5TSOP	onsemi IC REG LINEAR 1.5V 150MA 5TSOP

## 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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