



Image may be representation.
See specifications for product details.



NCP603SN280T1G

Manufacturer Part Number	NCP603SN280T1G
Manufacturer	onsemi
Allelco Part Number	32D-NCP603SN280T1G
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR 2.8V 300MA 5TSOP
Package	SOT-23-5 Thin, TSOT-23-5
Data sheet	Cylindrical Battery Holders.pdf NCP603.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCP603SN280T1G - onsemi.New Original in Stock. Download Linear Technology NCP603SN280T1G datasheet/specifications on AllelcoElec.com.
Request a quote for NCP603SN280T1G, please send us email: info@allelco.com

Specifications

NCP603SN280T1G Tech Specifications

NCP603SN280T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	62dB ~ 38dB (120Hz ~ 10kHz)
Voltage Dropout (Max)	0.23V @ 300mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	2.8V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	6V	Number of Regulators	1
Supplier Device Package	5-TSOP	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	180 µA
Protection Features	Over Current, Over Temperature, Transient Voltage	Current - Output	300mA
Package / Case	SOT-23-5 Thin, TSOT-23-5	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	NCP603

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP603SN280T1G

Product Attribute				
Part Number	NCP603SN280T1G	NCP603SN350T1G	NCP600SN350T1G	NCP603SN300T1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Output Type	Fixed	Fixed	Fixed	Fixed
Base Product Number	NCP603	NCP603	NCP600	NCP603
Voltage Dropout (Max)	0.23V @ 300mA	0.23V @ 300mA	-	0.23V @ 300mA
Protection Features	Over Current, Over Temperature, Transient Voltage	Over Current, Over Temperature, Transient Voltage	Over Current, Over Temperature	Over Current, Over Temperature, Transient Voltage
Voltage - Output (Max)	-	-	-	-
PSRR	62dB ~ 38dB (120Hz ~ 10kHz)	62dB ~ 38dB (120Hz ~ 10kHz)	62dB ~ 38dB (120Hz ~ 10kHz)	62dB ~ 38dB (120Hz ~ 10kHz)
Output Configuration	Positive	Positive	Positive	Positive
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	SOT-23-5 Thin, TSOT-23-5	SOT-23-5 Thin, TSOT-23-5	SOT-23-5 Thin, TSOT-23-5	SOT-23-5 Thin, TSOT-23-5
Current - Output	300mA	300mA	150mA	300mA
Control Features	Enable	Enable	-	Enable
Voltage - Input (Max)	6V	6V	6V	6V
Number of Regulators	1	1	1	1
Series	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Quiescent (Iq)	180 µA	180 µA	180 µA	180 µA
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Supplier Device Package	5-TSOP	5-TSOP	5-TSOP	5-TSOP
Voltage - Output (Min/Fixed)	2.8V	3.5V	3.5V	3V

NCP603SN280T1G Datasheet PDF

Download NCP603SN280T1G pdf datasheets and onsemi documentation for NCP603SN280T1G - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration NCP603SN280T1G.pdf](#)

PCN Assembly/Origin

2.73KHz.pdf

PCN Obsolescence/ EOL

Cylindrical Battery Holders.pdf

HTML Datasheet

NCP603.pdf

Customers Also Interested in

Recommended Products



NCP603SN350T1G

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IC REG LINEAR 3.5V 300MA 5TSOP



NCP600SN350T1G

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IC REG LINEAR 3.5V 150MA 5TSOP



NCP603SN300T1G

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IC REG LINEAR 3V 300MA 5TSOP



NCP600SN500T1G

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IC REG LINEAR 5V 150MA 5TSOP



NCP603SNADJT1G

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IC REG LIN POS ADJ 300MA 5TSOP



NCP603SN500T1G

onsemi
IC REG LINEAR 5V 300MA 5TSOP



NCP603SN180T1G

onsemi
IC REG LINEAR 1.8V 300MA 5TSOP



NCP605MN28T2G

onsemi
IC REG LINEAR 2.8V 500MA 6DFN



NCP603SN130T1G

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IC REG LINEAR 1.3V 300MA 5TSOP



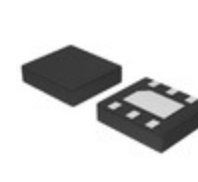
NCP600SNADJT1G

onsemi
IC REG LIN POS ADJ 150MA 5TSOP



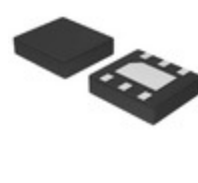
NCP600SN330T1G

onsemi
IC REG LINEAR 3.3V 150MA 5TSOP



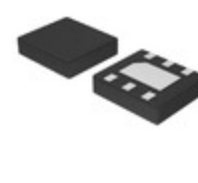
NCP605MN25T2G

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IC REG LINEAR 2.5V 500MA 6DFN



NCP605MN50T2G

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IC REG LINEAR 5V 500MA 6DFN



NCP605MN33T2G

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IC REG LINEAR 3.3V 500MA 6DFN



NCP600SN300T1G

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IC REG LINEAR 3V 150MA 5TSOP



NCP603SN330T1G

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IC REG LINEAR 3.3V 300MA 5TSOP



NCP600SN280T1G

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IC REG LINEAR 2.8V 150MA 5TSOP



NCP603SN250T1G

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IC REG LINEAR 2.5V 300MA 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
+00852 9146 4856



Email
info@allelco.com

Certifications & Memberships



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