

Image may be representation.
See specifications for product details.



NCP603SN180T1G

Manufacturer Part Number	NCP603SN180T1G
Manufacturer	onsemi
Allelco Part Number	32D-NCP603SN180T1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 1.8V 300MA 5TSOP
Package	SOT-23-5 Thin, TSOT-23-5
Data sheet	NCP603.pdf
	NCP603.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCP603SN180T1G - onsemi.New Original in Stock. Download Linear Technology NCP603SN180T1G datasheet/specifications on AllelcoElec.com.
Request a quote for NCP603SN180T1G, please send us email: info@allelco.com

Specifications

NCP603SN180T1G Tech Specifications

NCP603SN180T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	62dB ~ 38dB (120Hz ~ 10kHz)
Voltage Dropout (Max)	0.34V @ 300mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	1.8V	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 NCP603SN180T1G

Product Attribute				
Part Number	NCP603SN180T1G	NCP605MN18T2G	NCP600SNADJT1G	NCP600SN180T1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Control Features	Enable	Enable	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Number of Regulators	1	1	1	1
Current - Output	300mA	500mA	150mA	150mA
Output Type	Fixed	Fixed	Adjustable	Fixed
Supplier Device Package	5-TSOP	6-DFN (3x3.3)	5-TSOP	5-TSOP
Protection Features	Over Current, Over Temperature, Transient Voltage	Over Temperature, Short Circuit	Over Current, Over Temperature	Over Current, Over Temperature
Voltage Dropout (Max)	0.34V @ 300mA	0.3V @ 500mA	0.125V @ 150mA	-
PSRR	62dB ~ 38dB (120Hz ~ 10kHz)	-	62dB ~ 38dB (120Hz ~ 10kHz)	62dB ~ 38dB (120Hz ~ 10kHz)
Series	-	-	-	-
Current - Quiescent (Iq)	180 µA	180 µA	135 µA	175 µA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	SOT-23-5 Thin, TSOT-23-5	6-VDFN Exposed Pad	SOT-23-5 Thin, TSOT-23-5	SOT-23-5 Thin, TSOT-23-5
Voltage - Output (Max)	-	-	5V	-
Output Configuration	Positive	Positive	Positive	Positive
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Voltage - Input (Max)	6V	6V	6V	6V
Base Product Number	NCP603	NCP605	NCP600	NCP600
Voltage - Output (Min/Fixed)	1.8V	1.8V	1.25V	1.8V

NCP603SN180T1G Datasheet PDF

Download NCP603SN180T1G pdf datasheets and onsemi documentation for NCP603SN180T1G - onsemi.

Datasheets

[NCP603.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

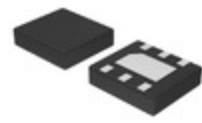














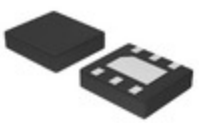


[Material Declaration NCP603SN180T1G.pdf](#)

PCN Assembly/Origin

HTML Datasheet

Customers Also Interested in

Recommended Products

					
NCP605MN18T2G	NCP600SNADJT1G	NCP600SN180T1G	NCP600SN300T1G	NCP600SN250T1G	NCP600SN350T1G
onsemi IC REG LINEAR 1.8V 500MA 6DFN	onsemi IC REG LIN POS ADJ 150MA 5TSOP	onsemi IC REG LINEAR 1.8V 150MA 5TSOP	onsemi IC REG LINEAR 3V 150MA 5TSOP	onsemi IC REG LINEAR 2.5V 150MA 5TSOP	onsemi IC REG LINEAR 3.5V 150MA 5TSOP
					
NCP603SN250T1G	NCP603SN500T1G	NCP603SN330T1G	NCP603SNADJT1G	NCP600SN500T1G	NCP600SN280T1G
onsemi IC REG LINEAR 2.5V 300MA 5TSOP	onsemi IC REG LINEAR 5V 300MA 5TSOP	onsemi IC REG LINEAR 3.3V 300MA 5TSOP	onsemi IC REG LIN POS ADJ 300MA 5TSOP	onsemi IC REG LINEAR 5V 150MA 5TSOP	onsemi IC REG LINEAR 2.8V 150MA 5TSOP
					
NCP605MN28T2G	NCP603SN300T1G	NCP603SN350T1G	NCP605MN25T2G	NCP603SN130T1G	NCP600SN330T1G
onsemi IC REG LINEAR 2.8V 500MA 6DFN	onsemi IC REG LINEAR 3V 300MA 5TSOP	onsemi IC REG LINEAR 3.5V 300MA 5TSOP	onsemi IC REG LINEAR 2.5V 500MA 6DFN	onsemi IC REG LINEAR 1.3V 300MA 5TSOP	onsemi IC REG LINEAR 3.3V 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 Alleco 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
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Contact us if you have any questions.

 Phone +00852 9146 4856	 Email info@alleco.com
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Certifications & Memberships



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