NCP698SQ28T1G

Manufacturer Part Number	**NCP698SQ28T1G**
Manufacturer	**onsemi**
Allelco Part Number	32D-NCP698SQ28T1G
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR 2.8V 150MA SC82AB
Package	SC-82A, SOT-343
Data sheet	**NCP698.pdf**
	NCP698.pdf
RoHS Status	ROHS3 Compliant

Image may be representation.
See specifications for product details.

ON Semiconductor®

Get a Quote

NCP698SQ28T1G - onsemi.New Original in Stock. Download Linear Technology NCP698SQ28T1G datasheet/specifications on AllelcoElec.com.
Request a quote for NCP698SQ28T1G, please send us email: info@allelco.com

▨ Specifications

NCP698SQ28T1G Tech Specifications
NCP698SQ28T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	-
Voltage Dropout (Max)	0.7V @ 150mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	2.8V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 85°C
Voltage - Input (Max)	6V	Number of Regulators	1
Supplier Device Package	SC-82AB	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	6 µA
Protection Features	Over Current, Over Temperature	Current - Output	150mA
Package / Case	SC-82A, SOT-343	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	NCP698

▨ Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP698SQ28T1G

Product Attribute				
Part Number	NCP698SQ28T1G	NCP699SN25T1G	NCP698SQ15T1G	NCP699SN14T1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Current - Output	150mA	150mA	150mA	150mA
Output Configuration	Positive	Positive	Positive	Positive
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage Dropout (Max)	0.7V @ 150mA	0.45V @ 150mA	1.07V @ 150mA	0.85V @ 150mA
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Package / Case	SC-82A, SOT-343	SOT-23-5 Thin, TSOT-23-5	SC-82A, SOT-343	SOT-23-5 Thin, TSOT-23-5
Voltage - Output (Max)	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	NCP698	NCP699	NCP698	NCP699
Voltage - Output (Min/Fixed)	2.8V	2.5V	1.5V	1.4V
PSRR	-	55dB ~ 50dB (120Hz ~ 1kHz)	-	55dB ~ 50dB (120Hz ~ 1kHz)
Series	-	-	-	-
Supplier Device Package	SC-82AB	5-TSOP	SC-82AB	5-TSOP
Current - Quiescent (Iq)	6 µA	90 µA	6 µA	90 µA
Output Type	Fixed	Fixed	Fixed	Fixed
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Number of Regulators	1	1	1	1
Control Features	Enable	Enable	Enable	Enable
Voltage - Input (Max)	6V	6V	6V	6V

▨ NCP698SQ28T1G Datasheet PDF

Download NCP698SQ28T1G pdf datasheets and onsemi documentation for NCP698SQ28T1G - onsemi.

Datasheets

📄 NCP698.pdf

Environmental Information

📄 onsemi RoHS.pdf   📄 Material Declaration NCP698SQ28T1G.pdf
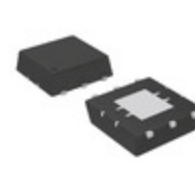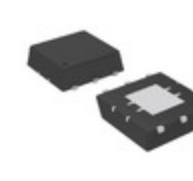
PCN Packaging

PCN Assembly/Origin

📄 Wafer Fab 29/Sep/2022.pdf

HTML Datasheet

📄 NCP698.pdf

📄 Covering Tape/Material Chg 20/May/2016.pdf

🔲 Customers Also Interested in

Recommended Products

NCP699SN25T1G
onsemi
IC REG LINEAR 2.5V 150MA 5TSOP

NCP698SQ15T1G
onsemi
IC REG LINEAR 1.5V 150MA SC82AB

NCP6951BFCCT1G
onsemi
IC PMIC CAM FLASH LED 24WLCSP

NCP699SN14T1G
onsemi
IC REG LINEAR 1.4V 150MA 5TSOP

NCP6951AFCCT1G
onsemi
PMIC

NCP698SQ50T1G
onsemi
IC REG LINEAR 5V 150MA SC82AB

NCP699SN28T1G
onsemi
IC REG LINEAR 2.8V 150MA 5TSOP

NCP698SQ35T1G
onsemi
IC REG LINEAR 3.5V 150MA SC82AB

NCP694HSAN12T1G
onsemi
IC REG LINEAR 1.2V 1A 6HSON

NCP699SN15T1G
onsemi
IC REG LINEAR 1.5V 150MA 5TSOP

NCP699SN13T1G
onsemi
IC REG LINEAR 1.3V 150MA 5TSOP

NCP698SQ30T1G
onsemi
IC REG LINEAR 3V 150MA SC82AB

NCP698SQ13T1G
onsemi
IC REG LINEAR 1.3V 150MA SC82AB

NCP699SN18T1G
onsemi
IC REG LINEAR 1.8V 150MA 5TSOP

NCP698SQ25T1G
onsemi
IC REG LINEAR 2.5V 150MA SC82AB

NCP698SQ18T1G
onsemi
IC REG LINEAR 1.8V 150MA SC82AB

NCP694HSANADJT1G
onsemi
IC REG LINEAR POS ADJ 1A 6HSON

NCP698SQ33T1G
onsemi
IC REG LINEAR 3.3V 150MA SC82AB

🔲 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.

EAST WEST BANK · MasterCard · VISA · WESTERN UNION · PayPal

Your Faithful Supply Chain Partner -

Efficient Supply Management

Cost-Saving Procurement

Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships

ISO MEDICAL DEVICES ISO 13485:2016 · ISO CERTIFIED COMPANY 9001:2015 · ISO CERTIFIED COMPANY 14001:2015

ISO 28000:2007 · IPC Member · SMTA Surface Mount Technology Association

View More

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