

Image may be representation.
See specifications for product details.



NCV8114BSN180T1G

Manufacturer Part Number	NCV8114BSN180T1G
Manufacturer	onsemi
Allelco Part Number	32D-NCV8114BSN180T1G
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR 1.8V 300MA 5TSOP
Package	SOT-23-5 Thin, TSOT-23-5
Data sheet	Cylindrical Battery Holders.pdf Cylindrical Battery Holders.pdf
RoHS Status	ROHS3 Compliant

Get a Quote

NCV8114BSN180T1G - onsemi.New Original in Stock. Download Linear Technology NCV8114BSN180T1G datasheet/specifications on AllelcoElec.com.
Request a quote for NCV8114BSN180T1G, please send us email: info@allelco.com

Specifications

NCV8114BSN180T1G Tech Specifications
NCV8114BSN180T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	75dB (1kHz)
Voltage Dropout (Max)	-	Output Type	Fixed
Voltage - Output (Min/Fixed)	1.8V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C (TA)
Voltage - Input (Max)	5.5V	Number of Regulators	1
Supplier Device Package	5-TSOP	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100	Current - Quiescent (Iq)	95 µA
Protection Features	Over Current, Over Temperature	Current - Output	300mA
Package / Case	SOT-23-5 Thin, TSOT-23-5	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	NCV8114

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV8114BSN180T1G

Product Attribute				
Part Number	NCV8114BSN180T1G	NCV8114ASN280T1G	NCV8160AMX180TBG	NCV8114ASN330T1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Base Product Number	NCV8114	NCV8114	NCV8160	NCV8114
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage Dropout (Max)	-	0.27V @ 300mA	0.25V @ 250mA	0.24V @ 300mA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Control Features	Enable	Enable	Enable	Enable
Voltage - Output (Max)	-	-	-	-
Current - Quiescent (Iq)	95 µA	95 µA	23 µA	95 µA
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Package / Case	SOT-23-5 Thin, TSOT-23-5	SOT-23-5 Thin, TSOT-23-5	4-XDFN Exposed Pad	SOT-23-5 Thin, TSOT-23-5
Number of Regulators	1	1	1	1
Supplier Device Package	5-TSOP	5-TSOP	4-XDFN (1x1)	5-TSOP
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Output Type	Fixed	Fixed	Fixed	Fixed
Output Configuration	Positive	Positive	Positive	Positive
PSRR	75dB (1kHz)	75dB (1kHz)	91dB ~ 48dB (100Hz ~ 100kHz)	75dB (1kHz)
Current - Output	300mA	300mA	250mA	300mA
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
Voltage - Output (Min/Fixed)	1.8V	2.8V	1.8V	3.3V
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature

NCV8114BSN180T1G Datasheet PDF

Download NCV8114BSN180T1G pdf datasheets and onsemi documentation for NCV8114BSN180T1G - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)





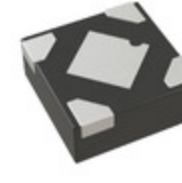




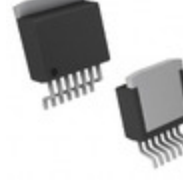




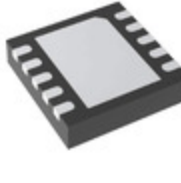
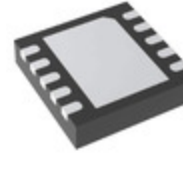

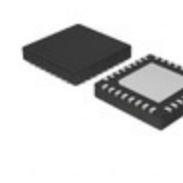
[onsemi RoHS.pdf](#)

[Material Declaration NCV8114BSN180T1G.pdf](#)

HTML Datasheet

Customers Also Interested in

Recommended Products

 NCV81071BZR2G onsemi BUFFER/INVERTER BASED MOSFET DRI	 NCV8114ASN280T1G onsemi IC REG LINEAR 2.8V 300MA 5TSOP	 NCV809SN293D1T1G onsemi NCV809 - VOLTAGE SUPERVISOR, VER	 NCV81275MNTXG onsemi IC CTRL MULTIPHASE SYNC 40-QFNW	 NCV8160AMX180TBG onsemi IC REG LINEAR 1.8V 250MA 4XDFN	 NCV8114ASN330T1G onsemi IC REG LINEAR 3.3V 300MA 5TSOP
 NCV8114BSN280T1G onsemi IC REG LINEAR 2.8V 300MA 5TSOP	 NCV8114ASN120T1G onsemi IC REG LINEAR 1.2V 300MA 5TSOP	 NCV8114ASN250T1G onsemi IC REG LINEAR 2.5V 300MA 5TSOP	 NCV8141D2TG onsemi IC REG LINEAR 5V 500MA D2PAK-7	 NCV8141D2TR4G onsemi IC REG LINEAR 5V 500MA D2PAK-7	 NCV809STRG onsemi IC SUPERVISOR 1 CHANNEL SOT23-3
 NCV8114ASN180T1G onsemi IC REG LINEAR 1.8V 300MA 5TSOP	 NCV8114ASN150T1G onsemi IC REG LINEAR 1.5V 300MA 5TSOP	 NCV8154MW180280TBG onsemi IC REG LINEAR 1.8V/2.8V 10DFN	 NCV8154MW330180TBG onsemi IC REG LINEAR 1.8V/3.3V 10DFN	 NCV8114BSN330T1G onsemi IC REG LINEAR 3.3V 300MA 5TSOP	 NCV81599MWTXG onsemi 12C CONFIGURABLE, 4-SWITCH BUCK

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.



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