

Image may be representation.
See specifications for product details.



NCV8154MW180280TBG

Manufacturer Part Number	NCV8154MW180280TBG
Manufacturer	onsemi
Allelco Part Number	32D-NCV8154MW180280TBG
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR 1.8V/2.8V 10DFN
Package	10-VDFDN Exposed Pad
Data sheet	NCV8154.pdf
	NCV8154.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCV8154MW180280TBG - onsemi.New Original in Stock. Download Linear Technology NCV8154MW180280TBG datasheet/specifications on AllelcoElec.com.
Request a quote for NCV8154MW180280TBG, please send us email: info@allelco.com

Specifications

NCV8154MW180280TBG Tech Specifications

NCV8154MW180280TBG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Type	Fixed
Voltage Dropout (Max)	0.43V @ 300mA, 0.29V @ 300mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	1.8V, 2.8V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Output (Max)	-	Number of Regulators	2
Voltage - Input (Max)	5.25V	Mounting Type	Surface Mount
Supplier Device Package	10-DFN (3x3)	Current - Supply (Max)	200 µA
Series	Automotive, AEC-Q100	Current - Quiescent (Iq)	100 µA
Protection Features	Over Current, Over Temperature	Current - Output	300mA, 300mA
Package / Case	10-VDFDN Exposed Pad	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	NCV8154
PSRR	75dB (1kHz)		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV8154MW180280TBG

Product Attribute				
Part Number	NCV8154MW180280TBG	NCV8114BSN180T1G	NCV8141D2TR4G	NCV8141D2TG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Package / Case	10-VDFDN Exposed Pad	SOT-23-5 Thin, TSOT-23-5	TO-263-8, D ² Pak (7 Leads + Tab), TO-263CA	TO-263-8, D ² Pak (7 Leads + Tab), TO-263CA
Output Configuration	Positive	Positive	Positive	Positive
Number of Regulators	2	1	1	1
Base Product Number	NCV8154	NCV8114	NCV8141	NCV8141
Control Features	Enable	Enable	Enable, Reset, Watchdog	Enable, Reset, Watchdog
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Temperature, Short Circuit	Over Temperature, Short Circuit
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Supply (Max)	200 µA	-	-	-
Voltage - Output (Max)	-	-	-	-
Voltage - Output (Min/Fixed)	1.8V, 2.8V	1.8V	5V	5V
PSRR	75dB (1kHz)	75dB (1kHz)	75dB (120Hz)	75dB (120Hz)
Voltage Dropout (Max)	0.43V @ 300mA, 0.29V @ 300mA	-	1.5V @ 500mA	1.5V @ 500mA
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Current - Output	300mA, 300mA	300mA	500mA	500mA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Current - Quiescent (Iq)	100 µA	95 µA	-	-
Supplier Device Package	10-DFN (3x3)	5-TSOP	D2PAK-7	D2PAK-7
Output Type	Fixed	Fixed	Fixed	Fixed
Voltage - Input (Max)	5.25V	5.5V	26V	26V

NCV8154MW180280TBG Datasheet PDF

Download NCV8154MW180280TBG pdf datasheets and onsemi documentation for NCV8154MW180280TBG - onsemi.

Datasheets

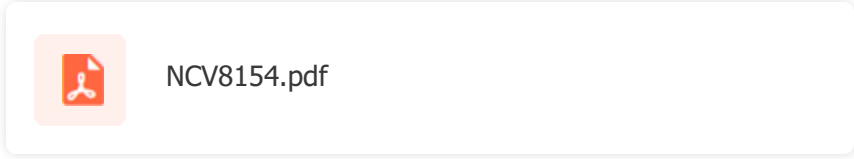
[NCV8154.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

[Material Declaration NCV8154MW180280TBG.pdf](#)



Customers Also Interested in

Recommended Products

NCV8114BSN180T1G onsemi IC REG LINEAR 1.8V 300MA 5TSOP	NCV8141D2TR4G onsemi IC REG LINEAR 5V 500MA D2PAK-7	NCV8141D2TG onsemi IC REG LINEAR 5V 500MA D2PAK-7	NCV8161AMX330TBG onsemi IC REG LINEAR 3.3V 450MA 4XDFN	NCV81599MWTXG onsemi I2C CONFIGURABLE, 4-SWITCH BUCK	NCV8114ASN330T1G onsemi IC REG LINEAR 3.3V 300MA 5TSOP
NCV8160BMX280TBG onsemi IC REG LINEAR 2.8V 250MA 4XDFN	NCV8114BSN330T1G onsemi IC REG LINEAR 3.3V 300MA 5TSOP	NCV8160AMX280TBG onsemi IC REG LINEAR 2.8V 250MA 4XDFN	NCV8114BSN280T1G onsemi IC REG LINEAR 2.8V 300MA 5TSOP	NCV8161AMX180TBG onsemi IC REG LINEAR 1.8V 450MA 4XDFN	NCV8161AMX290TBG onsemi IC REG LINEAR 2.9V 450MA 4XDFN
NCV8114ASN250T1G onsemi IC REG LINEAR 2.5V 300MA 5TSOP	NCV8114ASN280T1G onsemi IC REG LINEAR 2.8V 300MA 5TSOP	NCV8154MW330180TBG onsemi IC REG LINEAR 1.8V/3.3V 10DFN	NCV81275MNTXG onsemi IC CTRL MULTIPHASE SYNC 40-QFNW	NCV8160AMX330TBG onsemi IC REG LINEAR 3.3V 250MA 4XDFN	NCV8160AMX180TBG onsemi IC REG LINEAR 1.8V 250MA 4XDFN

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
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Contact us if you have any questions.

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



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Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com