

Image may be representation.
See specifications for product details.



NCV8177AMTW110TCG-A642

Manufacturer Part Number **NCV8177AMTW110TCG-A642**

Manufacturer **onsemi**

Allelco Part Number **32D-NCV8177AMTW110TCG-A642**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC REG LINEAR 1.1V 500MA 8WDFNW**

Package **8-WDFDN Exposed Pad**

Data sheet [NCV8177BMx150TCG Datasheet.pdf](#)

[NCV8177BMx150TCG Datasheet.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

NCV8177AMTW110TCG-A642 - onsemi.New Original in Stock. Download Linear Technology NCV8177AMTW110TCG-A642 datasheet/specifications on AllelcoElec.com.
Request a quote for NCV8177AMTW110TCG-A642, please send us email: info@allelco.com

Specifications

NCV8177AMTW110TCG-A642 Tech Specifications

NCV8177AMTW110TCG-A642 - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Type	Fixed
Voltage - Output (Min/Fixed)	1.1V	Output Configuration	Positive
Voltage - Input (Max)	5.5V	Operating Temperature	-40°C ~ 125°C (TJ)
Supplier Device Package	8-WDFNW (2x2)	Number of Regulators	1
Series	Automotive, AEC-Q100	Mounting Type	Surface Mount, Wettable Flank
Protection Features	Over Current, Over Temperature	Current - Quiescent (Iq)	90 µA
Package / Case	8-WDFDN Exposed Pad	Current - Output	500mA
Package	Tape & Reel (TR)	Control Features	Enable
PSRR	75dB (1kHz)	Base Product Number	NCV8177

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV8177AMTW110TCG-A642

Product Attribute				
Part Number	NCV8177AMTW110TCG-A642	NCV8170AXV360T2G	NCV8170AMX300TCG	NCV8184DR2
Manufacturer	onsemi	onsemi	onsemi	onsemi
Control Features	Enable	Enable	Enable	Enable
Mounting Type	Surface Mount, Wettable Flank	Surface Mount	Surface Mount	Surface Mount
Output Configuration	Positive	Positive	Positive	Positive
Package / Case	8-WDFDN Exposed Pad	SOT-563, SOT-666	4-XDFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	NCV8177	NCV8170	NCV8170	NCV8184
Number of Regulators	1	1	1	1
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
PSRR	75dB (1kHz)	30dB (1kHz)	47dB (1kHz)	60dB (120Hz)
Voltage - Input (Max)	5.5V	5.5V	5.5V	42V
Current - Output	500mA	150mA	150mA	70mA
Current - Quiescent (Iq)	90 µA	0.9 µA	0.9 µA	20 µA
Voltage - Output (Min/Fixed)	1.1V	3.6V	3V	Tracking
Output Type	Fixed	Fixed	Fixed	Adjustable
Supplier Device Package	8-WDFNW (2x2)	SOT-563	4-XDFN (1x1)	8-SOIC
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 150°C
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Temperature

NCV8177AMTW110TCG-A642 Datasheet PDF

Download NCV8177AMTW110TCG-A642 pdf datasheets and onsemi documentation for NCV8177AMTW110TCG-A642 - onsemi.

Datasheets

[NCV8177BMx150TCG Datasheet.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)








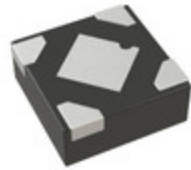


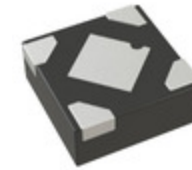






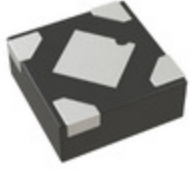
PCN Assembly/Origin

[NCV8177AMTWx 13/Jun/2022.pdf](#)

HTML Datasheet

Customers Also Interested in

Recommended Products

 NCV8170AXV360T2G onsemi IC REG LIN 3.6V 150MA SOT563-6	 NCV8170AMX300TCG onsemi IC REG LINEAR 3V 150MA 4XDFN	 NCV8184DR2 onsemi IC REG LINEAR POS ADJ 70MA 8SOIC	 NCV8177AMX180TCG onsemi IC REG LINEAR 1.8V 500MA 4XDFN	 NCV8182CDTRKG onsemi IC REG LIN POS ADJ 200MA DPAK-5	 NCV8164ASN180T1G onsemi IC REG LINEAR 1.8V 300MA 5TSSOP
 NCV8170AXV330T2G onsemi IC REG LIN 3.3V 150MA SOT563-6	 NCV8177AMX120TCG onsemi IC REG LINEAR 1.2V 500MA 4XDFN	 NCV8177AMX330TCG onsemi IC REG LINEAR 3.3V 500MA 4XDFN	 NCV8184DTRK onsemi IC REG LIN POS ADJ 70MA DPAK-5	 NCV8170AMX330TCG onsemi IC REG LINEAR 3.3V 150MA 4XDFN	 NCV8177BMX330TCG onsemi IC REG LINEAR 3.3V 500MA 4XDFN
 NCV8165ML330TBG onsemi IC REG LINEAR 3.3V 500MA 8DFN	 NCV8164ASN250T1G onsemi IC REG LINEAR 2.5V 300MA 5TSSOP	 NCV8184DR2G onsemi IC REG LINEAR POS ADJ 70MA 8SOIC	 NCV8170BXV330T2G onsemi IC REG LIN 3.3V 150MA SOT563-6	 NCV8170AXV250T2G onsemi IC REG LIN 2.5V 150MA SOT563-6	 NCV8170AMX180TCG onsemi IC REG LINEAR 1.8V 150MA 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
--	--	---

Contact us if you have any questions.

 Phone +00852 9146 4856	 Email info@allelco.com
--	--

Certifications & Memberships



[View More](#)