

Image may be representation.  
See specifications for product details.



## NCV214RSQT2G

Manufacturer Part Number	<b>NCV214RSQT2G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NCV214RSQT2G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC CURRENT SENSE 1 CIRCUIT SC88
Package	6-TSSOP, SC-88, SOT-363
Data sheet	<b>NCS21xR, NCV21xR.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

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NCV214RSQT2G - onsemi.New Original in Stock. Download Linear Technology NCV214RSQT2G datasheet/specifications on AllelcoElec.com.  
Request a quote for NCV214RSQT2G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NCV214RSQT2G Tech Specifications

NCV214RSQT2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Type	Rail-to-Rail
Voltage - Supply Span (Min)	2.2 V	Operating Temperature	-40°C ~ 125°C (TA)
Voltage - Supply Span (Max)	26 V	Number of Circuits	1
Voltage - Input Offset	1 µV	Mounting Type	Surface Mount
Supplier Device Package	SC-88/SC70-6/SOT-363	Current - Supply	40µA
Slew Rate	1V/µs	Current - Input Bias	39 µA
Series	Automotive, AEC-Q100, Zero-Drift	Base Product Number	NCV214
Package / Case	6-TSSOP, SC-88, SOT-363	Amplifier Type	Current Sense
Package	Tape & Reel (TR)	-3db Bandwidth	60 kHz

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV214RSQT2G

Product Attribute				
Part Number	NCV214RSQT2G	NCV20092DR2G	NCV213RSQT2G	NCV20091SN2T1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Current - Supply	40µA	23µA (x2 Channels)	40µA	23µA
Supplier Device Package	SC-88/SC70-6/SOT-363	8-SOIC	SC-88/SC70-6/SOT-363	5-TSOP
Amplifier Type	Current Sense	General Purpose	Current Sense	General Purpose
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
-3db Bandwidth	60 kHz	-	90 kHz	-
Number of Circuits	1	2	1	1
Voltage - Supply Span (Max)	26 V	5.5 V	26 V	5.5 V
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Slew Rate	1V/µs	0.17V/µs	1V/µs	0.15V/µs
Voltage - Supply Span (Min)	2.2 V	1.8 V	2.2 V	1.8 V
Voltage - Input Offset	1 µV	500 µV	5 µV	500 µV
Package / Case	6-TSSOP, SC-88, SOT-363	8-SOIC (0.154", 3.90mm Width)	6-TSSOP, SC-88, SOT-363	SOT-23-5 Thin, TSOT-23-5
Base Product Number	NCV214	NCV20092	NCV213	NCV20091
Current - Input Bias	39 µA	1 pA	39 µA	1 pA
Series	Automotive, AEC-Q100, Zero-Drift	-	Automotive, AEC-Q100, Zero-Drift	Automotive, AEC-Q100
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C	-40°C ~ 125°C (TA)	-40°C ~ 125°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### NCV214RSQT2G Datasheet PDF

Download NCV214RSQT2G pdf datasheets and onsemi documentation for NCV214RSQT2G - onsemi.

#### Datasheets

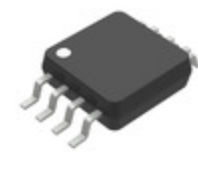
[NCS21xR, NCV21xR.pdf](#)

#### Environmental Information

[onsemi RoHS.pdf](#)

### Customers Also Interested in

#### Recommended Products

**NCV20092DR2G**onsemi  
IC OPAMP GP 2 CIRCUIT 8SOIC**NCV2250SN2T1G**onsemi  
IC COMPARATOR 1 GEN PUR 5TSOP**NCV213RSQT2G**onsemi  
IC CURRENT SENSE 1 CIRCUIT SC88**NCV2211DR2G**onsemi  
IC AMP CLASS AB MONO 1W 8SOIC**NCV2202SN2T1G**onsemi  
IC COMPARATOR 1 GEN PUR 5TSOP**NCV2200SN1T1G**onsemi  
IC COMPARATOR 1 GEN PUR 5TSOP**NCV2200SN2T1G**onsemi  
IC COMPARATOR 1 GEN PUR 5TSOP**NCV20091SN2T1G**onsemi  
IC OPAMP GP 1 CIRCUIT 5TSOP**NCV20084DR2G**onsemi  
IC OPAMP GP 4 CIRCUIT 14SOIC**NCV2200SQ2T2G**onsemi  
IC COMPARATOR 1 GEN PUR SC88A**NCV21871SQ3T2G**onsemi  
IC OPAMP GP 1 CIRCUIT SC88A**NCV2250SQ2T2G**onsemi  
IC COMPARATOR 1 GEN PUR SC88A**NCV20082DR2G**onsemi  
IC OPAMP GP 2 CIRCUIT 8SOIC**NCV20082DMR2G**onsemi  
IC OPAMP GP 2 CIRCUIT 8MSOP**NCV211RSQT2G**onsemi  
IC CURRENT SENSE 1 CIRCUIT SC88**NCV2250SN2T3G**onsemi  
IC COMPARATOR 1 GEN PUR 5TSOP**NCV2333DMR2G**onsemi  
IC OPAMP ZERO-DRIFT 2 CIRC 8MSOP**NCV20094DR2G**onsemi  
IC OPAMP GP 4 CIRCUIT 14SOIC

## 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.



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## Certifications & Memberships



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