

Image may be representation.  
See specifications for product details.



## NCS2202SQ2T2G

Manufacturer Part Number	<a href="#">NCS2202SQ2T2G</a>
Manufacturer	<a href="#">onsemi</a>
Allelco Part Number	32D-NCS2202SQ2T2G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC COMPARATOR 1 GEN PUR SC88A
Package	5-TSSOP, SC-70-5, SOT-353
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a>
	<a href="#">NCS2200,02(A).pdf</a>
RoHs Status	ROHS3 Compliant

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## Specifications

NCS2202SQ2T2G Tech Specifications

NCS2202SQ2T2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-40°C ~ 105°C
Voltage - Supply, Single/Dual (±)	0.85V ~ 6V	Number of Elements	1
Voltage - Input Offset (Max)	5mV @ 6V	Mounting Type	Surface Mount
Type	General Purpose	Hysteresis	20mV
Supplier Device Package	SC-88A (SC-70-5/SOT-353)	Current - Quiescent (Max)	17µA
Series	-	Current - Output (Typ)	-
Propagation Delay (Max)	1.1µs	Current - Input Bias (Max)	1pA @ 6V
Package / Case	5-TSSOP, SC-70-5, SOT-353	CMRR, PSRR (Typ)	70dB CMRR, 80dB PSRR
Package	Tape & Reel (TR)	Base Product Number	NCS2202
Output Type	Open-Drain, Rail-to-Rail		

## Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCS2202SQ2T2G

Product Attribute				
Part Number	NCS2202SQ2T2G	<a href="#">NCS2201SN1T1</a>	<a href="#">NCS2200SQLT1G</a>	<a href="#">NCS2200SQT1</a>
Manufacturer	onsemi	onsemi	onsemi	onsemi
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Output Type	Open-Drain, Rail-to-Rail	Complementary, Rail-to-Rail	Complementary, Rail-to-Rail	Complementary, Rail-to-Rail
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Hysteresis	20mV	20mV	20mV	20mV
Current - Quiescent (Max)	17µA	17µA	17µA	17µA
Package / Case	5-TSSOP, SC-70-5, SOT-353	SOT-23-6 Thin, TSOT-23-6	6-VDFN Exposed Pad	6-VDFN Exposed Pad
Current - Output (Typ)	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Propagation Delay (Max)	1.1µs	1.1µs	1.1µs	1.1µs
CMRR, PSRR (Typ)	70dB CMRR, 80dB PSRR	70dB CMRR, 80dB PSRR	70dB CMRR, 80dB PSRR	70dB CMRR, 80dB PSRR
Number of Elements	1	1	1	1
Type	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Input Offset (Max)	5mV @ 6V	5mV @ 6V	5mV @ 6V	5mV @ 6V
Supplier Device Package	SC-88A (SC-70-5/SOT-353)	6-TSOP	6-DFN (2x2.2)	6-DFN (2x2.2)
Base Product Number	NCS2202	NCS2201	NCS2200	NCS2200
Series	-	NCS2200	NCS2200	NCS2200
Current - Input Bias (Max)	1pA @ 6V	1pA @ 6V	1pA @ 6V	1pA @ 6V
Voltage - Supply, Single/Dual (±)	0.85V ~ 6V	0.85V ~ 6V	0.85V ~ 6V	0.85V ~ 6V

## NCS2202SQ2T2G Datasheet PDF

Download NCS2202SQ2T2G pdf datasheets and onsemi documentation for NCS2202SQ2T2G - onsemi.

### Datasheets

[Cylindrical Battery Holders.pdf](#)

### Environmental Information


[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration NCS2202SQ2T2G.pdf](#)

### PCN Packaging

[2.73KHz.pdf](#)

 Wafer Fab 29/Sep/2022.pdf

HTML Datasheet

 NCS2200,02(A).pdf

**Customers Also Interested in**

**Recommended Products**

 <b>NCS2201SN1T1</b> onsemi IC COMPARATOR 1 GEN PUR 6TSOP	 <b>NCS2211DR2G</b> onsemi IC AMP CLASS AB MONO 1.5W 8SOIC	 <b>NCS2200SOLT1G</b> onsemi IC COMPARATOR 1 GEN PUR 6DFN	 <b>NCS2211MNTXG</b> onsemi IC AMP CLASS AB MONO 1.5W 8DFN	 <b>NCS2333DR2G</b> onsemi IC OPAMP ZERO-DRIFT 2 CIRC 8SOIC	 <b>NCS2200SOLT1</b> onsemi IC COMPARATOR 1 GEN PUR 6DFN
 <b>NCS2300MUTBG</b> onsemi IC DETECTION SWITCH 6UDFN	 <b>NCS2200SQ2T2G</b> onsemi IC COMPARATOR 1 GEN PUR SC88A	 <b>NCS2203SN2T1</b> onsemi IC COMPARATOR 1 GEN PUR 6TSOP	 <b>NCS2250SN2T1G</b> onsemi IC COMPARATOR 1 GEN PUR 5TSOP	 <b>NCS2202SQ1T2G</b> onsemi IC COMPARATOR 1 GEN PUR SC88A	 <b>NCS2202AMUTBG</b> onsemi IC COMPARATOR 1 GEN PUR 6UDFN
 <b>NCS2202SN1T1</b> onsemi IC COMPARATOR 1 GEN PUR 5TSOP	 <b>NCS2220AMUT1G</b> onsemi IC COMPARATOR 2 GEN PUR 8UDFN	 <b>NCS2202SN2T1G</b> onsemi IC COMPARATOR 1 GEN PUR 5TSOP	 <b>NCS2300MUTAG</b> onsemi IC DETECTION SWITCH 6UDFN	 <b>NCS2202SN1T1G</b> onsemi IC COMPARATOR 1 GEN PUR 5TSOP	 <b>NCS2333DMR2G</b> onsemi IC OPAMP ZER-DRIFT 2CIRC 8MSOP

**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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**Contact us if you have any questions.**

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**Certifications & Memberships**



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