



Image may be representation.
See specifications for product details.



NCS2200SQ2T2G

Manufacturer Part Number	NCS2200SQ2T2G
Manufacturer	onsemi
Allelco Part Number	32D-NCS2200SQ2T2G
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	Cylindrical Battery Holders.pdf
	NCS2200,02(A).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCS2200SQ2T2G - onsemi.New Original in Stock. Download Linear Technology NCS2200SQ2T2G datasheet/specifications on AllelcoElec.com.
Request a quote for NCS2200SQ2T2G, please send us email: info@allelco.com

Specifications

NCS2200SQ2T2G Tech Specifications

NCS2200SQ2T2G - 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	NCS2200	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	NCS2200
Output Type	Complementary, Rail-to-Rail		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCS2200SQ2T2G

Product Attribute				
Part Number	NCS2200SQ2T2G	NCS2202SQ2T2G	NCS2202AMUTBG	NCS2200SQT1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Type	General Purpose	General Purpose	General Purpose	General Purpose
Series	NCS2200	-	-	NCS2200
Hysteresis	20mV	20mV	20mV	20mV
Supplier Device Package	SC-88A (SC-70-5/SOT-353)	SC-88A (SC-70-5/SOT-353)	6-UDFN (1.2x1)	6-DFN (2x2.2)
Output Type	Complementary, Rail-to-Rail	Open-Drain, Rail-to-Rail	Open-Drain, Rail-to-Rail	Complementary, Rail-to-Rail
Operating Temperature	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C	-40°C ~ 105°C
Number of Elements	1	1	1	1
Base Product Number	NCS2200	NCS2202	NCS2202	NCS2200
Voltage - Supply, Single/Dual (±)	0.85V ~ 6V	0.85V ~ 6V	0.85V ~ 6V	0.85V ~ 6V
Voltage - Input Offset (Max)	5mV @ 6V	5mV @ 6V	5mV @ 6V	5mV @ 6V
Package / Case	5-TSSOP, SC-70-5, SOT-353	5-TSSOP, SC-70-5, SOT-353	6-UDFN	6-VDFN Exposed Pad
Current - Input Bias (Max)	1pA @ 6V	1pA @ 6V	1pA @ 6V	1pA @ 6V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Output (Typ)	-	-	-	-
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
Current - Quiescent (Max)	17µA	17µA	17µA	17µA

NCS2200SQ2T2G Datasheet PDF

Download NCS2200SQ2T2G pdf datasheets and onsemi documentation for NCS2200SQ2T2G - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information


[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration NCS2200SQ2T2G.pdf](#)

PCN Packaging

[2.73KHz.pdf](#)


 Wafer Fab 29/Sep/2022.pdf

HTML Datasheet

 NCS2200,02(A).pdf

Customers Also Interested in

Recommended Products

					
NCS21872DMR2G onsemi IC OPAMP ZER-DRIFT 2CIRC 8MSOP	NCS2202SQ2T2G onsemi IC COMPARATOR 1 GEN PUR SC88A	NCS2202AMUTBG onsemi IC COMPARATOR 1 GEN PUR 6UDFN	NCS2200SQT1G onsemi IC COMPARATOR 1 GEN PUR 6DFN	NCS2202SN2T1G onsemi IC COMPARATOR 1 GEN PUR 5TSOP	NCS2201SN1T1 onsemi IC COMPARATOR 1 GEN PUR 6TSOP
					
NCS2200SN1T1G onsemi IC COMPARATOR 1 GEN PUR 5TSOP	NCS21871SQ3T2G onsemi IC OPAMP GP 1 CIRCUIT SC88A	NCS2200SQT1 onsemi IC COMPARATOR 1 GEN PUR 6DFN	NCS2202SN1T1G onsemi IC COMPARATOR 1 GEN PUR 5TSOP	NCS214RMUTAG onsemi IC CURR SENSE 1 CIRCUIT 10UQFN	NCS21911SN2T1G onsemi IC OPAMP ZERO-DRIFT 1 CIRC 5TSOP
					
NCS2202SN1T1 onsemi IC COMPARATOR 1 GEN PUR 5TSOP	NCS2200SN2T1G onsemi IC COMPARATOR 1 GEN PUR 5TSOP	NCS2200SN1T1 onsemi IC COMPARATOR 1 GEN PUR 5TSOP	NCS2200AMUT1G onsemi IC COMPARATOR 1 GEN PUR 6UDFN	NCS214SQT2G onsemi IC OPAMP ZERO-DRIFT 1 CIRC SC88	NCS2202SQ1T2G onsemi IC COMPARATOR 1 GEN PUR SC88A

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



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