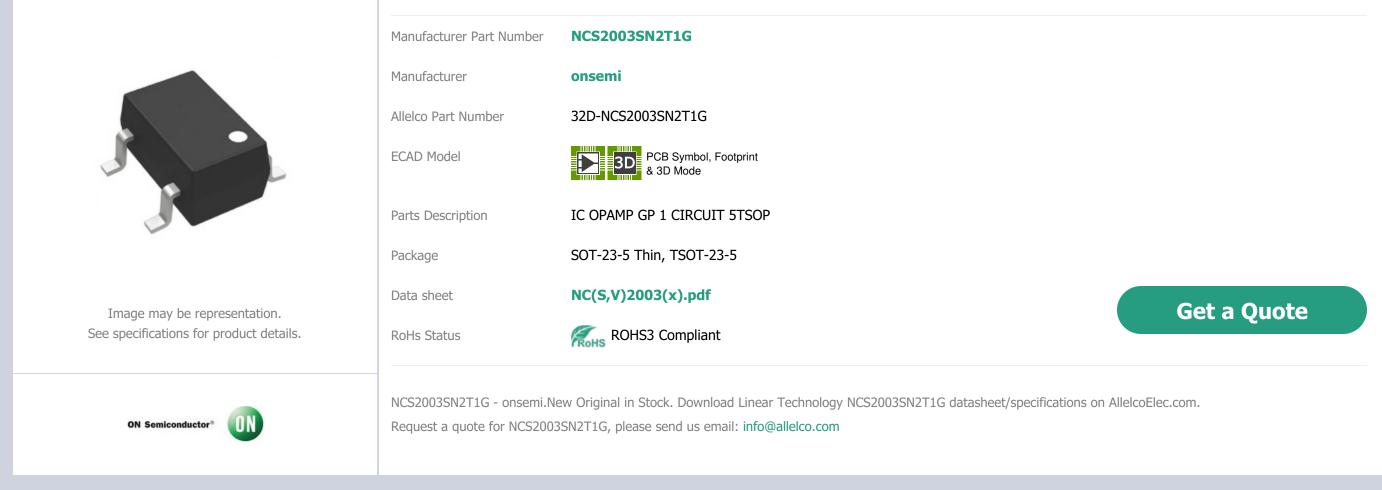


NCS2003SN2T1G



Specifications

NCS2003SN2T1G Tech Specifications NCS2003SN2T1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-40°C ~ 85°C
Voltage - Supply Span (Min)	1.7 V	Number of Circuits	1
Voltage - Supply Span (Max)	5.5 V	Mounting Type	Surface Mount
Voltage - Input Offset	500 μV	Gain Bandwidth Product	7 MHz
Supplier Device Package	5-TSOP	Current - Supply	300µA
Slew Rate	14V/µs	Current - Output / Channel	96 mA
Series	-	Current - Input Bias	1 pA
Package / Case	SOT-23-5 Thin, TSOT-23-5	Base Product Number	NCS2003
Package	Tape & Reel (TR)	Amplifier Type	General Purpose
Output Type	Rail-to-Rail		

Parts with Similar Specifications

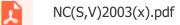
The three parts on the right have similar specifications to onsemi NCS2003SN2T1G

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ManufactureronexnionexnionexnionexnionexniGala Bandwidth Product74fa319a319a300 kez716aVottage - Supply Span (Max)55 V55 V7 V55 VBase Product NumberNC2003NC2003NC2003NC2003PackageMay Rear (FR)Sape Rear (FR)Sape Rear (FR)Sape Rear (FR)Stere Rate40/µaSape Rear (FR)Sape Rear (FR)Sape Rear (FR)Current - Output / Channel50°A10°A10°ASupplier Device Package51°S096°A10°S0Stract RateSape RateNato Rate10°S0Output TypeRake RatRate RateRate RateSupplier Device PackageSape Rate140µ(42 Gamesh)Sape RateOutput TypeSape Rate140µ(42 Gamesh)Sape RateSupplier Device Sape MaxSafe RoartSafe RoartSafe RoartOutput TypeSafe Roart10°C - 10°CSafe RoartSupplier Device Package10°A10°C - 10°CSafe RoartOutput TypeSafe Roart10°C - 10°CSafe RoartSafe RoartSupplier Device Package10°C - 10°C10°C - 10°CSafe Roart <tr< td=""><td>Product Attribute</td><td></td><td>Size -</td><td>The set</td><td></td></tr<>	Product Attribute		Size -	The set	
Gain Bandwith ProductFMR2SMR2SMR2SOD MaxSOD MaxSMR2Voltage-Supply Span (Max)S5VS5VS5VS5VS5VBase Product NumberASS003SGS002SGS002SGS002SGS002PackageTope Reci (TR)Tope Reci (TR)Tope Reci (TR)Tope Reci (TR)Star Reci (TR)Starent - Output / DamaSfrAQStrAQSfrAQSfrAQSfrAQStarent - Output / DamaSfrAQSfrAQSfrAQSfrAQSfrAQStappler Device PackageSfrAQSfrAQSfrAQSfrAQSfrAQStappler Device PackageSfrAQSfrAQSfrAQSfrAQSfrAQ <t< td=""><td>Part Number</td><td>NCS2003SN2T1G</td><td>NCS20062DMR2G</td><td>NCS2002SN1T1G</td><td>NCS20034DR2G</td></t<>	Part Number	NCS2003SN2T1G	NCS20062DMR2G	NCS2002SN1T1G	NCS20034DR2G
Voltage - Supply Span (Max)S.VS.V7VS.VBase Product NumberNS2003NS2003NS2003NS2003PackageTape & Red (TK)Tape & Red (TK)Tape & Red (TK)Slew Rate14V/µa12V/µsS.V/µsMS2003Current - Output / Channel5h nA19 nAS.VMS2003Supplier Device Package5750P8450P (0.1187, 3.0hm Width)6750P1450IC (0.1547, 3.0hm Width)Output TypeSoft 2.3 s Thin, TSOT 2.3 s81509, 8450P (0.1187, 3.0hm Width)S0T 2.3 s Thin, TSOT 2.3 s1450IC (0.1547, 3.0hm Width)Output TypeSoft 2.4 s Thin, TSOT 2.3 s1450P (0.1187, 3.0hm Width)S0T 2.3 s Thin, TSOT 2.3 sS150P, 8450P (0.1187, 3.0hm Width)S0T 2.3 s Thin, TSOT 2.3 sOutput TypeSoft 2.4 s Thin, TSOT 2.3 sS150P, 8450P (0.1187, 3.0hm Width)S0T 2.3 s Thin, TSOT 2.3 sS150P, 8450P (0.1187, 3.0hm Width)S0T 2.3 s Thin, TSOT 2.3 sMounting TypeSoft 2.4 s Thin, TSOT 2.3 sS150P, 8450P (0.1187, 3.0hm Width)S0T 2.3 s Thin, TSOT 2.3 sS160P (0.1187, 3.0hm Width)S17.2 s Thin, TSOT 2.3 sMounting TypeSoft 2.4 s Thin, TSOT 2.3 sS150P, 8450P (0.1187, 3.0hm Width)S0T 2.3 s Thin, TSOT 2.3 sS160P (0.1187, 3.0hm Width)S17.2 s Thin, TSOT 2.3 sMounting TypeSuface MountS160P (0.1187, S0.0hm Width)S160P (0.1187, S0.0hm Width)S160P (0.1187, S0.0hm Width)S160P (0.1187, S0.0hm Width)Mounting TypeSuface MountS160P (0.1187, S0.0hm Width)S160P (0.1187, S0.0hm Width)S160P (0.1187, S0.0hm Width)S160P (0.1187, S0.0	Manufacturer	onsemi	onsemi	onsemi	onsemi
National Base Product NumberNS2003NS2003NS2003NS2003NS2003PackageTape & Rect (TR)Tape & Rect (TR)Tape & Rect (TR)Tape & Rect (TR)Tape & Rect (TR)Slow RateMy/jsJa/jsJa/jsJa/jsSlog (TR)Slog (TR)Current - Outgut / ChanelSint/ASint/ASint/ASint/ASint/ASuppler Device PackageSint/SSint/SRelife (TR)Sint/ASint/ASint/AOutgut TypeRelite RaiRelite RaiRelite RaiRelite RaiRelite RaiRelite RaiRelite RaiOutgut TypeRoite RaiSint/Sint/Sint/Sint/Sint/Sint/Sint/Sint/	Gain Bandwidth Product	7 MHz	3 MHz	900 kHz	7 MHz
PackageAnge Ref (TR)Tape & Ref (TR)Tape & Ref (TR)Tape & Ref (TR)Skor Rate14/µa12/µa13/µa13/µa14/µaCorret - Output / Chanel9 mA9 mA12 mA12 mASkor Barbe5 mA9 mA18 mA12 mA14 mACorret - Output / Chanel9 mA8 mA6 mA14 mACorret - Output / Chanel9 mA8 mA6 mA8 mACorret - Output / Chanel8 mA8 mA8 mA8 mACorret - Supple8 mA16 mA16 mA16 mACorret - Supple9 mA16 mA16 mA16 mACorret - Supple9 mA16 mA16 mA16 mACorret - Supple10 mA10 mA10 mA16 mACorret - Supple10 mA10 mA10 mA16 mACorret - Supple10 mA10 mA10 mA10 mACorret	Voltage - Supply Span (Max)	5.5 V	5.5 V	7 V	5.5 V
Sew RatAugeAugeAugeAuge12000 AugeAuge3.20/pic3.20/pic3.20/picCurret - Output / Chanel5.5003.45003.5004.500Curper Leade5.5003.65003.65003.610-3.013.610-3.01Curper Leade5.02555.50005.50005.025510, 3.0003.6100, 3.000Curret - Supply5.026005.02600, 3.00005.02600, 3.00005.02600, 3.0000Curret - Supply5.02600, 3.00005.02600, 3.00005.02600, 3.00005.0000, 3.0000Curret - Supply5.02600, 3.0000,	Base Product Number	NCS2003	NCS20062	NCS2002	NCS20034
ArrowArrowArrowArrowArrowCurrent-Output / Chanel9mA9mA9mA18mA2mASuppler Device Package5rSOP6rHSOP6rHSOP6rHSOP14-SAICOutput TypeRel-R-ailRel-R-ailRel-R-ailRel-R-ailRel-R-ailPackage / Case507-23-5 Thin, TSOT-23-58rHSOP, 041187, 3.00m Width)507-23-6 Thin, TSOT-23-614-SOL (0.197, 3.00m Width)Current-Supply30µA10µA (2.Chanels)501-23-6 Thin, TSOT-23-614-SOL (0.197, 3.00m Width)Mouting Type30µA10µA (2.Chanels)501-24-6 Thin, TSOT-23-615-SOL (0.197, 3.00m Width)Gereing Temperature10µA10µA (2.Chanels)501-24-6 Thin, TSOT-23-615-SOL (0.197, 3.00m Width)Operating Temperature10µC - 85°C10µC10µC10µC10µCVoltage - Input Bias10µC10µC10µC10µC10µCVoltage - Input Offset10µV20µV20µV10µC10µCNumber Officiation10µV20µV20µV10µC10µCNumber Officiation10µV20µV20µV10µC10µVNumber Officiation10µV20µV20µV10µV10µVNumber Officiation10µV20µV10µV10µVNumber Officiation10µV20µV10µV10µVNumber Officiation10µV10µV10µV10µVNumber Officiation10µV10µV10µV10µVNumber Officiation10µV10µV<	Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
And Spplle Decke	Slew Rate	14V/µs	1.2V/µs	1.3V/µs	8V/µs
Image: Constraint of the state of the sta	Current - Output / Channel	96 mA	19 mA	128 mA	8 mA
Index	Supplier Device Package	5-TSOP	8-MSOP	6-TSOP	14-SOIC
Current - SupplySoufface MountingHandle MountingReference with the mountingCurrent - SupplySufface MountHandle MountingSufface MountingSufface MountingMounting TypeSufface MountSufface MountingSufface MountingSufface MountingSufface MountingSeriesOneSufface MountingSufface MountingSufface MountingSufface MountingSufface MountingOperating TemperatureAno-SoftAno-SoftAno-SoftAno-SoftSufface MountingSufface MountingCurrent - Input OffsetDiput OffsetSoftSoftSoftSoftSoftNumber of CurcuitsAno-SoftSoftSoftSoftSoftSoftNumber of CurcuitsSoftSoftSoftSoftSoftSoftNumber of CurcuitsSoft <th< td=""><td>Output Type</td><td>Rail-to-Rail</td><td>Rail-to-Rail</td><td>Rail-to-Rail</td><td>Rail-to-Rail</td></th<>	Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Notified TypeSurface MountSurface MountSurface MountSurface MountSeriesOperating TemperatureI pAVotage Input OffsetI mater of CircuitsI mater of Circuits <th< td=""><td>Package / Case</td><td>SOT-23-5 Thin, TSOT-23-5</td><td>8-TSSOP, 8-MSOP (0.118", 3.00mm Width)</td><td>SOT-23-6 Thin, TSOT-23-6</td><td>14-SOIC (0.154", 3.90mm Width)</td></th<>	Package / Case	SOT-23-5 Thin, TSOT-23-5	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	SOT-23-6 Thin, TSOT-23-6	14-SOIC (0.154", 3.90mm Width)
SeriesOperating TemperatureOperating TemperatureOperating TemperatureOperating TemperatureOperating TemperatureOperating Temperature	Current - Supply	300µА	140µA (x2 Channels)	820µA	275µA (x4 Channels)
Operating Temperature- A ⁰ C ~ 85°C- A ⁰ C ~ 125°C (TA)- A ⁰ C ~ 105°C- A ⁰ C ~ 105°CCurrent - Input Bias1 pA1 pA1 pA1 pA- D pAVoltage - Input Offset50 μV500 μV500 μV500 μVNumber of Circuits- H- H- H- H- H	Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Input BiasInplaceInplaceInplaceInplaceVoltage - Input OffsetSolutionSolutionSolutionSolutionNumber of CircuitsInplaceInplaceInplaceInplace	Series	-	-	-	-
Voltage - Input Offset 50 μV 50 μV 50 μV 50 μV Number of Circuits 1 2	Operating Temperature	-40°C ~ 85°C	-40°C ~ 125°C (TA)	-40°C ~ 105°C	-
Number of Circuits 1 2 1 4	Current - Input Bias	1 pA	1 pA	10 pA	1 pA
	Voltage - Input Offset	500 µV	500 μV	500 μV	500 μV
Amplifier Type General Purpose General Purpose General Purpose	Number of Circuits	1	2	1	4
	Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Supply Span (Min) 1.7 V 1.8 V 0.9 V 1.7 V	Voltage - Supply Span (Min)	1.7 V	1.8 V	0.9 V	1.7 V

NCS2003SN2T1G Datasheet PDF

Download NCS2003SN2T1G pdf datasheets and onsemi documentation for NCS2003SN2T1G - onsemi.

Datasheets



Environmental Information



PCN Assembly/Origin

Mult Devices 05/Feb/2019.pdf

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IC OPAMP GP 1 CIRCUIT SC88A

NCS2002SN1T1G onsemi IC OPAMP GP 1 CIRCUIT 6TSOP



NCS20034DR2G

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NCS2003ASN2T1G

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IC OPAMP GP 1 CIRCUIT 5TSOP



NCS2005SN1T1G

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NCS20062DR2G

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NCS20061SN3T1G

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onsemi IC OPAMP GP 1 CIRCUIT 5TSOP



IC OPAMP GP 1 CIRCUIT 5TSOP









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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		
Oceania	New Zealand	7		
Asia	India	6		
noia	Japan	7		
Middle East	Israel	6		

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 -

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Efficient Supply Management

Cost-Saving Procurement Fast Sourcing & Delivery

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Contact us if you have any questions.

Security M

Shipment charges(KG)	Reference DHL(USD\$)
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1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

DHL & FedEx Shipment Charges Reference





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