



NCV571SN12T1G Information



For Reference Only

Part Number NCV571SN12T1G

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 1.2V 150MA 5TSOP

Package SOT-23-5 Thin, TSOT-23-5

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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NCV571SN12T1G Specifications

Manufacturer Part Number NCV571SN12T1G Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Package SOT-23-5 Thin, TSOT-23-5 Series Automotive, AEC-Q100 Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 12V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage Dropout (Max) 0.45 V @ 10mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 1μA ~ 8μA PSRR - Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	•	
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Output TypeFixedNumber of Regulators1Voltage - Input (Max)12VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.45V @ 10mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)1μA ~ 8μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5	Series	Automotive, AEC-Q100
Number of Regulators 1 Voltage - Input (Max) 12V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage Dropout (Max) 0.45V @ 10mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 1μA ~ 8μA PSRR - Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	Output Configuration	Positive
Voltage - Input (Max) $12V$ Voltage - Output (Min/Fixed) $1.2V$ Voltage - Output (Max)-Voltage Dropout (Max) $0.45V @ 10mA$ Current - Output $150mA$ Current - Quiescent (Iq)-Current - Supply (Max) $1\mu A \sim 8\mu A$ PSRR-Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) $1 \mu A \sim 8 \mu A$ PSRR - Control Features Protection Features Operating Temperature Operating Type Mounting Type Surface Mount Package / Case 1.2V 1.2V	Number of Regulators	1
Voltage - Output (Max) - 0.45V @ 10mA Current - Output	Voltage - Input (Max)	12V
Voltage Dropout (Max) 0.45V @ 10mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 1 μ A ~ 8 μ A PSRR - Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature	Voltage - Output (Min/Fixed)	1.2V
Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 1 μ A ~ 8 μ A PSRR - Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	Voltage - Output (Max)	-
Current - Quiescent (Iq) -	Voltage Dropout (Max)	0.45V @ 10mA
Current - Supply (Max) $1\mu A \sim 8\mu A$ $PSRR \qquad -$ $Control Features \qquad Enable$ $Protection Features \qquad Over Current, Over Temperature$ $Operating Temperature \qquad -40^{\circ}C \sim 125^{\circ}C$ $Mounting Type \qquad Surface Mount$ $Package / Case \qquad SOT-23-5 Thin, TSOT-23-5$	Current - Output	150mA
PSRR Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	Current - Quiescent (Iq)	-
Control Features Enable Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	Current - Supply (Max)	$1\mu A \sim 8\mu A$
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	PSRR	-
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	Control Features	Enable
Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	Protection Features	Over Current, Over Temperature
Package / Case SOT-23-5 Thin, TSOT-23-5	Operating Temperature	-40°C ~ 125°C
	Mounting Type	Surface Mount
	Package / Case	SOT-23-5 Thin, TSOT-23-5
Supplier Device Package 5-TSOP	Supplier Device Package	5-TSOP
Report errors?		Report errors?

NCV571SN12T1G Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

NCV571SN12T1G Payment Methods



















NCV571SN12T1G Shipping Methods













If you have any question about NCV571SN12T1G, please do not hesitate to contact us!

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