



NCV500SN28T1G Information



For Reference Only

Part Number NCV500SN28T1G
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 2.8V 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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NCV500SN28T1G Specifications

Manufacturer Part Number NCV500SN28T1G Manufacturer ON Semiconductor Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear 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) 6V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.25V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 1μA ~ 300μA PSRR 62dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package 5-TSOP	•	
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Voltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.25V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)1μA ~ 300μAPSRR62dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5Supplier Device Package5-TSOP	Number of Regulators	1
Voltage - Output (Max) - Voltage Dropout (Max) 0.25V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 1 μ A ~ 300 μ A PSRR 62dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package 5-TSOP	Voltage - Input (Max)	6V
Voltage Dropout (Max) $0.25V @ 150mA$ Current - Output $150mA$ Current - Quiescent (Iq) - Current - Supply (Max) $1\mu A \sim 300\mu A$ PSRR $62dB (1kHz)$ Control Features Enable Protection Features Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package	Voltage - Output (Min/Fixed)	2.8V
Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 1 μ A ~ 300 μ A PSRR 62dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max) $1\mu A \sim 300\mu A$ PSRR $62dB (1kHz)$ Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5Supplier Device Package5-TSOP	Voltage Dropout (Max)	0.25V @ 150mA
Current - Supply (Max) $1μA \sim 300μA$ PSRR $62dB$ (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature -40 °C ~ 85 °CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5Supplier Device Package5-TSOP	Current - Output	150mA
PSRR Control Features Enable Protection Features Over Current, Over Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current, Over Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package	Current - Supply (Max)	$1\mu A \sim 300\mu A$
Protection Features Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package 5-TSOP	PSRR	62dB (1kHz)
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package 5-TSOP	Control Features	Enable
Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package 5-TSOP	Protection Features	Over Current, Over Temperature
Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package 5-TSOP	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 5-TSOP	Mounting Type	Surface Mount
	Package / Case	SOT-23-5 Thin, TSOT-23-5
Report errors?	Supplier Device Package	5-TSOP
		Report errors?

NCV500SN28T1G 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.

NCV500SN28T1G Payment Methods



















NCV500SN28T1G Shipping Methods













If you have any question about NCV500SN28T1G, please do not hesitate to contact us!

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