



NCP603SN250T1G Information



For Reference Only

Part Number NCP603SN250T1G

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 2.5V 300MA 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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NCP603SN250T1G Specifications

Manufacturer Part Number NCP603SN250T1G Manufacturer ON Semiconductor Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package SOT-23-5 Thin, TSOT-23-5 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.275 W @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 180μA PSRR 62dB ~ 38dB (120Hz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature, Transient Voltage Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package 5-TSOP	•		
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Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.275V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)180μAPSRR62dB ~ 38dB (120Hz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Transient VoltageOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5Supplier Device Package5-TSOP		PMIC - Voltage Regulators - Linear	
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Voltage - Output (Max) Voltage Dropout (Max) 0.275V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 180μA PSRR 62dB ~ 38dB (120Hz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature, Transient Voltage Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package	Voltage - Input (Max)	6V	
Voltage Dropout (Max)0.275 V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)180μAPSRR62dB ~ 38dB (120Hz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Transient VoltageOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5Supplier Device Package5-TSOP	Voltage - Output (Min/Fixed)	2.5V	
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Current - Quiescent (Iq) Current - Supply (Max) 180µA PSRR 62dB ~ 38dB (120Hz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature, Transient Voltage Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package	Voltage Dropout (Max)	0.275V @ 300mA	
Current - Supply (Max)180μAPSRR62dB ~ 38dB (120Hz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Transient VoltageOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5Supplier Device Package5-TSOP	Current - Output	300mA	
PSRR 62dB ~ 38dB (120Hz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature, Transient Voltage Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package 5-TSOP	Current - Quiescent (Iq)	-	
Control Features Protection Features Over Current, Over Temperature, Transient Voltage -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package Enable Over Current, Over Temperature, Transient Voltage -40°C ~ 125°C Surface Mount Sorface Mount Sorface Mount Sorface Mount 5-TSOP	Current - Supply (Max)	180μΑ	
Protection Features Over Current, Over Temperature, Transient Voltage -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package 5-TSOP	PSRR	62dB ~ 38dB (120Hz ~ 10kHz)	
Operating Temperature -40°C ~ 125°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, Transient Voltage	
Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package 5-TSOP	Operating Temperature	-40°C ~ 125°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?

NCP603SN250T1G 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.

NCP603SN250T1G Payment Methods



















NCP603SN250T1G Shipping Methods













If you have any question about NCP603SN250T1G, please do not hesitate to contact us!

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