



NCP603SN180T1G Information



For Reference Only

Part Number NCP603SN180T1G

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 1.8V 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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NCP603SN180T1G Specifications

Manufacturer Part Number NCP603SN180T1G 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) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.34V @ 300mA Current - Output 300mA Current - Supply (Max) 180μA PSRR 62dB ~ 38dB (120Hz ~ 10kHz) Control Features Dover 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 Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.34V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 180μA PSRR 62dB ~ 38dB (120Hz ~ 10kHz) Control 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		PMIC - Voltage Regulators - Linear
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Number of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.34V @ 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	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.34V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 180µA PSRR 62dB ~ 38dB (120Hz ~ 10kHz) Control Features 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	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 62dB ~ 38dB (120Hz ~ 10kHz) Control Features 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	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 0.34V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 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	Voltage - Input (Max)	6V
Voltage Dropout (Max)0.34V @ 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)	1.8V
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	Voltage - Output (Max)	-
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)	0.34V @ 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

NCP603SN180T1G 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.

NCP603SN180T1G Payment Methods

































If you have any question about NCP603SN180T1G, please do not hesitate to contact us!

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