



NCP512SQ18T1G Information



For Reference Only

Part Number NCP512SQ18T1G

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 1.8V 80MA SC88A

Package 5-TSSOP, SC-70-5, SOT-353
For the pricing/inventory/lead time, please contact

us

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



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NCP512SQ18T1G Specifications

Manufacturer Part Number NCP5128Q18T1G Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Package 5-TSSOP, SC-70-5, SOT-353 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) 0.45V @ 80mA Current - Output 80mA Current - Quiescent (Iq) - Current - Supply (Max) 1μA ~ 90μA PSR 50dB (1kHz) Control Features 50dB (1kHz) Control Features Over Current, Over Temperature Mounting Type Surface Mount Package / Case 5-TSSOP, SC-70-5, SOT-353 Supplier Device Package SC-88A (SC-70-5/SOT-353)		
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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) 0.45 V @ 80mA Current - Output 80mA Current - Quiescent (Iq) - Current - Supply (Max) 1 μA ~ 90μA PSRR 50dB (1kHz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 5-TSSOP, SC-70-5, SOT-353 Supplier Device Package SC-88A (SC-70-5 / SOT-353)		PMIC - Voltage Regulators - Linear
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Voltage - Input (Max)6VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.45 V @ 80mACurrent - Output80mACurrent - Quiescent (Iq)-Current - Supply (Max)1μA ~ 90μAPSRR50dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-88A (SC-70-5 / SOT-353)	Output Type	Fixed
Voltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.45 V @ 80mACurrent - Output80mACurrent - Quiescent (Iq)-Current - Supply (Max)1μA ~ 90μAPSRR50dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-88A (SC-70-5 / SOT-353)	Number of Regulators	1
Voltage - Output (Max)	Voltage - Input (Max)	6V
Voltage Dropout (Max) Current - Output 80mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 50dB (1kHz) Control Features Enable Protection Features Operating Temperature Operating Type Surface Mount Package / Case SC-88A (SC-70-5 / SOT-353) Supplier Device Package	Voltage - Output (Min/Fixed)	1.8V
Current - Output $80mA$ Current - Quiescent (Iq)-Current - Supply (Max) $1\mu A \sim 90\mu A$ PSRR $50dB$ (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting TypeSurface MountPackage / Case 5 -TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-88A (SC-70-5 / SOT-353)	Voltage - Output (Max)	-
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Current - Supply (Max) $1μA \sim 90μA$ PSRR $50dB (1kHz)$ Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting TypeSurface MountPackage / Case 5 -TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-88A (SC-70-5 / SOT-353)	Current - Output	80mA
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Control Features Protection Features Over Current, Over Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 5-TSSOP, SC-70-5, SOT-353 Supplier Device Package SC-88A (SC-70-5 / SOT-353)	Current - Supply (Max)	$1\mu A \sim 90\mu A$
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Mounting Type Surface Mount Package / Case 5-TSSOP, SC-70-5, SOT-353 Supplier Device Package SC-88A (SC-70-5 / SOT-353)	Protection Features	Over Current, Over Temperature
Package / Case 5-TSSOP, SC-70-5, SOT-353 Supplier Device Package SC-88A (SC-70-5 / SOT-353)	Operating Temperature	-40°C ~ 85°C
Supplier Device Package SC-88A (SC-70-5 / SOT-353)	Mounting Type	Surface Mount
	Package / Case	5-TSSOP, SC-70-5, SOT-353
Report errors?	Supplier Device Package	SC-88A (SC-70-5 / SOT-353)
		Report errors?

NCP512SQ18T1G 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.

NCP512SQ18T1G Payment Methods



















NCP512SQ18T1G Shipping Methods













If you have any question about NCP512SQ18T1G, please do not hesitate to contact us!

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