



NCP502SQ37T1G Information



For Reference Only

Part Number NCP502SQ37T1G

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 3.7V 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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NCP502SQ37T1G Specifications

Manufacturer Part Number NCP5028Q37T1G Manufacturer ON Semiconductor Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 5-TSSOP, SC-70-5, SOT-353 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 12V Voltage - Output (Min/Fixed) 3.7V Voltage - Output (Max) - Voltage Dropout (Max) 1.2V @ 80mA Current - Output 80mA Current - Quiescent (Iq) - Current - Supply (Max) 1μA ~ 90μA PSRR 55dB (IkHz) Control Features Enable Protection 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)		
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Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 12V Voltage - Output (Min/Fixed) 3.7V Voltage - Output (Max) - Voltage Dropout (Max) 1.2V @ 80mA Current - Output 80mA Current - Quiescent (Iq) - Current - Supply (Max) 1μA ~ 90μA PSRR 55dB (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 - Output (Max)-Voltage Dropout (Max)1.2V @ 80mACurrent - Output80mACurrent - Quiescent (Iq)-Current - Supply (Max) 1μ A ~ 90μAPSRR55dB (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)	Voltage - Input (Max)	12V
Voltage Dropout (Max) 1.2V @ 80mA Current - Output 80mA Current - Quiescent (Iq) - Current - Supply (Max) 1 μ A ~ 90 μ A PSRR 55dB (1kHz) Control Features Enable Protection 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)	Voltage - Output (Min/Fixed)	3.7V
Current - Output80mACurrent - Quiescent (Iq)-Current - Supply (Max)1μA ~ 90μAPSRR55dB (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)	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max) $1μA \sim 90μA$ PSRR $55dB (1kHz)$ 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 Dropout (Max)	1.2V @ 80mA
Current - Supply (Max) $1μA \sim 90μA$ PSRR $55dB (1kHz)$ 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
PSRR 55dB (1kHz) Control Features Enable Protection 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)	Current - Quiescent (Iq)	-
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)	$1\mu A \sim 90\mu A$
Protection Features 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)	PSRR	55dB (1kHz)
$ \begin{array}{lll} \mbox{Operating Temperature} & -40^{\circ}\mbox{C} \sim 85^{\circ}\mbox{C} \\ \mbox{Mounting Type} & \mbox{Surface Mount} \\ \mbox{Package / Case} & 5-TSSOP, SC-70-5, SOT-353 \\ \mbox{Supplier Device Package} & \mbox{SC-88A (SC-70-5 / SOT-353)} \\ \mbox{Supplier Device Package} & \mbox{SC-88A (SC-70-5 / SOT-353)} \\ \end{array} $	Control Features	Enable
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?

NCP502SQ37T1G 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.

NCP502SQ37T1G Payment Methods



















NCP502SQ37T1G Shipping Methods













If you have any question about NCP502SQ37T1G, please do not hesitate to contact us!

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