

NCV8570BMN280R2G

NCV8570BMN280R2G Information



For Reference Only

Part Number NCV8570BMN280R2G
Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 2.8V 200MA 6DFN

Package 6-VDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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NCV8570BMN280R2G Specifications

Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 6-VDFN Exposed Pad Series Automotive, AEC-Q100 Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5 V Voltage - Output (Min/Fixed) 2.8 V Voltage - Output (Max) - Voltage Dropout (Max) 0.205 V @ 200mA Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) 110μA ~ 130μA PSRR 82dB ~ 63dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount		
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Voltage - Input (Max) Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 82dB ~ 63dB (1kHz ~ 10kHz) Control Features Protection Features Operating Temperature Operating Temperature Package / Case Supplier Device Package 5.5V 5.5V 5.5V 5.5V 5.5V Control Features - Current - Supply (Max) - Control Features Over Current, Over Temperature -40°C ~ 125°C Surface Mount 6-VDFN Exposed Pad Supplier Device Package	Output Type	Fixed
Voltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.205V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)110μA ~ 130μAPSRR82dB ~ 63dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-DFN (2x2.2)	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 82dB ~ 63dB (1kHz ~ 10kHz) Control Features Protection Features Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package - 0.205V @ 200mA - 200mA - 200mA - 110μA ~ 130μA PSRR 82dB ~ 63dB (1kHz ~ 10kHz) Enable Over Current, Over Temperature - 40°C ~ 125°C Surface Mount 6-VDFN Exposed Pad	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 82dB ~ 63dB (1kHz ~ 10kHz) Control Features Protection Features Operating Temperature Operating Type Mounting Type Surface Mount Package / Case Supplier Device Package 0.205V @ 200mA 0.	Voltage - Output (Min/Fixed)	2.8V
Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 82dB ~ 63dB (1kHz ~ 10kHz) Control Features Protection Features Operating Temperature Operating Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) $110\mu A \sim 130\mu A$ PSRR $82dB \sim 63dB (1kHz \sim 10kHz)$ Control Features Enable Protection Features Over Current, Over Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount Package / Case 6 -VDFN Exposed Pad Supplier Device Package 6 -DFN (2x2.2)	Voltage Dropout (Max)	0.205V @ 200mA
Current - Supply (Max) $110\mu A \sim 130\mu A$ $82dB \sim 63dB (1kHz \sim 10kHz)$ $Control Features \qquad Enable$ $Protection Features \qquad Over Current, Over Temperature -40^{\circ}C \sim 125^{\circ}C Mounting Type \qquad Surface Mount \\ Package / Case \qquad 6-VDFN Exposed Pad \\ Supplier Device Package \qquad 6-DFN (2x2.2)$	Current - Output	200mA
PSRR 82dB ~ 63dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (2x2.2)	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (2x2.2)	Current - Supply (Max)	110μΑ ~ 130μΑ
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (2x2.2)	PSRR	82dB ~ 63dB (1kHz ~ 10kHz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (2x2.2)	Control Features	Enable
Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (2x2.2)	Protection Features	Over Current, Over Temperature
Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (2x2.2)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 6-DFN (2x2.2)	Mounting Type	Surface Mount
	Package / Case	6-VDFN Exposed Pad
Report errors?	Supplier Device Package	6-DFN (2x2.2)
		Report errors?

NCV8570BMN280R2G 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.

NCV8570BMN280R2G Payment Methods



















NCV8570BMN280R2G Shipping Methods













If you have any question about NCV8570BMN280R2G, please do not hesitate to contact us!

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