



NCP5661MN12T2G Information



For Reference Only

Part Number NCP5661MN12T2G

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 1.2V 1A 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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NCP5661MN12T2G Specifications

Manufacturer Part Number NCP5661MN12T2G Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Package 6-VDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 9V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage Dropout (Max) 1.3V @ 1A Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 3mA PSRR 70dB ~ 65dB (120Hz ~ 1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (3x3)	•	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 6-VDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage - Output (Max) 1.3V @ 1A Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 70dB ~ 65dB (120Hz ~ 1kHz) Control Features Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (3x3)	Manufacturer Part Number	NCP5661MN12T2G
Package 6-VDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 9V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage Dropout (Max) 1.3V @ 1A Current - Output Current - Quiescent (Iq) - Current - Supply (Max) 3mA PSRR 70dB ~ 65dB (120Hz ~ 1kHz) Control Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (3x3)	Manufacturer	ON Semiconductor
Package 6-VDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 9V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage Dropout (Max) 1.3V @ 1A Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 3mA PSRR 7odB ~ 65dB (120Hz ~ 1kHz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (3x3)	Category	Integrated Circuits (ICs)
Series - Cutput Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 9V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Cutput (Max) 1.3V @ 1A Current - Output (Max) 1.3V @ 1A Current - Quiescent (Iq) - Cutrent - Supply (Max) 3mA PSRR 70dB ~ 65dB (120Hz ~ 1kHz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-DFN (3x3)		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)9VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)1.3V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)3mAPSRR70dB ~ 65dB (120Hz ~ 1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-VDFN Exposed PadSupplier Device Package6-DFN (3x3)	Package	6-VDFN Exposed Pad
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 9V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage Dropout (Max) 1.3V @ 1A Current - Output 1 1A Current - Quiescent (Iq) - Current - Supply (Max) 3mA PSRR 70dB ~ 65dB (120Hz ~ 1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (3x3)	Series	-
Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) - Voltage Dropout (Max) 1.3V @ 1A Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 3mA PSRR 70dB ~ 65dB (120Hz ~ 1kHz) Control Features Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage Dropout (Max) 1.3V @ 1A Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) STRR 70dB ~ 65dB (120Hz ~ 1kHz) Control Features Protection Features Operating Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case Supplier Device Package 6-DFN (3x3)	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) 1.3V @ 1A Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) STRR 70dB ~ 65dB (120Hz ~ 1kHz) Control Features Protection Features Over Current, Over Temperature Operating Temperature Mounting Type Surface Mount Package / Case Supplier Device Package 6-DFN (3x3)	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 1.3V @ 1A Current - Output 1A Current - Quiescent (Iq) Current - Supply (Max) PSRR 70dB ~ 65dB (120Hz ~ 1kHz) Control Features Protection Features Operating Temperature Operating Temperature Ao°C ~ 125°C Mounting Type Surface Mount Package / Case Supplier Device Package 6-DFN (3x3)	Voltage - Input (Max)	9V
Voltage Dropout (Max) Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 70dB ~ 65dB (120Hz ~ 1kHz) Control Features Enable Protection Features Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package 1.3V @ 1A 1.4 Over Current Over Current Supplier Device Package 6-DFN (3x3)	Voltage - Output (Min/Fixed)	1.2V
Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 70dB ~ 65dB (120Hz ~ 1kHz) Control Features Protection Features Operating Temperature Operating Type Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) 3mA PSRR 70dB ~ 65dB (120Hz ~ 1kHz) Control Features Enable Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package	Voltage Dropout (Max)	1.3V @ 1A
Current - Supply (Max) PSRR 70dB ~ 65dB (120Hz ~ 1kHz) 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	Current - Output	1A
PSRR 70dB ~ 65dB (120Hz ~ 1kHz) Control Features Enable Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (3x3)	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 (3x3)	Current - Supply (Max)	3mA
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (3x3)	PSRR	70dB ~ 65dB (120Hz ~ 1kHz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (3x3)	Control Features	Enable
Mounting Type Surface Mount Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (3x3)	Protection Features	Over Current, Over Temperature
Package / Case 6-VDFN Exposed Pad Supplier Device Package 6-DFN (3x3)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 6-DFN (3x3)	Mounting Type	Surface Mount
	Package / Case	6-VDFN Exposed Pad
Report errors?	Supplier Device Package	6-DFN (3x3)
		Report errors

NCP5661MN12T2G 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.

NCP5661MN12T2G Payment Methods



















NCP5661MN12T2G Shipping Methods













If you have any question about NCP5661MN12T2G, please do not hesitate to contact us!

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