

## NCP4624DMU50TCG

### NCP4624DMU50TCG Information



For Reference Only

Part Number NCP4624DMU50TCG
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 5V 150MA 4UDFN

Package 4-UDFN 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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## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# NCP4624DMU50TCG Specifications

Manufacturer Part Number         NCP4624DMU50TCG           Manufacturer         ON Semiconductor           Category         Integrated Circuits (ICs)           Package         4-UDFN Exposed Pad           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         11V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage - Output (Max)         0.76V @ 150mA           Current - Output         150mA           Current - Supply (Max)         3.7µA           PSRR         15dB (1kHz)           Control Features         Dover Current, Reverse Polarity           Operating Temperature         40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         4-UDFN Exposed Pad           Supplier Device Package         4-UDFN (1.0x1.0)	•	
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         4-UDFN Exposed Pad           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         11V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.76V @ 150mA           Current - Output         150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         3.7μA           PSRR         15dB (1kHz)           Control Features         Enable           Protection Features         Over Current, Reverse Polarity           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         4-UDFN Exposed Pad           Supplier Device Package         4-UDFN (1.0x1.0)	Manufacturer Part Number	NCP4624DMU50TCG
Package 4-UDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 11V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 0.76V @ 150mA Current - Output Quiescent (Iq) - Current - Supply (Max) 3.7µA PSRR 15dB (1kHz) Control Features Over Current, Reverse Polarity Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Surpolic Package (4-UDFN (1.0x1.0)	Manufacturer	ON Semiconductor
Package         4-UDFN Exposed Pad           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         11V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.76V @ 150mA           Current - Output         150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         3.7μA           PSRR         15dB (1kHz)           Control Features         Over Current, Reverse Polarity           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         4-UDFN Exposed Pad           Supplier Device Package         4-UDFN (1.0x1.0)	Category	Integrated Circuits (ICs)
Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         11V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.76V @ 150mA           Current - Output         150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         3.7µA           PSRR         15dB (1kHz)           Control Features         Over Current, Reverse Polarity           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         4-UDFN Exposed Pad           Supplier Device Package         4-UDFN (1.0x1.0)		PMIC - Voltage Regulators - Linear
Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         11V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.76V @ 150mA           Current - Output         150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         3.7µA           PSRR         15dB (1kHz)           Control Features         Over Current, Reverse Polarity           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         4-UDFN Exposed Pad           Supplier Device Package         4-UDFN (1.0x1.0)	Package	4-UDFN Exposed Pad
Output TypeFixedNumber of Regulators1Voltage - Input (Max)11VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.76V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)3.7µAPSRR15dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Reverse PolarityOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-UDFN Exposed PadSupplier Device Package4-UDFN (1.0x1.0)	Series	-
Number of Regulators1Voltage - Input (Max)11VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.76V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)3.7μAPSRR15dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Reverse PolarityOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-UDFN Exposed PadSupplier Device Package4-UDFN (1.0x1.0)	Output Configuration	Positive
Voltage - Input (Max)11VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.76V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)3.7μAPSRR15dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Reverse PolarityOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-UDFN Exposed PadSupplier Device Package4-UDFN (1.0x1.0)	Output Type	Fixed
Voltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.76V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)3.7μAPSRR15dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Reverse PolarityOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-UDFN Exposed PadSupplier Device Package4-UDFN (1.0x1.0)	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.76V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)3.7μAPSRR15dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Reverse PolarityOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-UDFN Exposed PadSupplier Device Package4-UDFN (1.0x1.0)	Voltage - Input (Max)	11V
Voltage Dropout (Max)0.76V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)3.7μAPSRR15dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Reverse PolarityOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-UDFN Exposed PadSupplier Device Package4-UDFN (1.0x1.0)	Voltage - Output (Min/Fixed)	5V
Current - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)3.7μAPSRR15dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Reverse PolarityOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-UDFN Exposed PadSupplier Device Package4-UDFN (1.0x1.0)	Voltage - Output (Max)	-
Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  15dB (1kHz)  Control Features  Enable  Protection Features  Over Current, Reverse Polarity  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  4-UDFN Exposed Pad  Supplier Device Package  4-UDFN (1.0x1.0)	Voltage Dropout (Max)	0.76V @ 150mA
Current - Supply (Max)  PSRR  15dB (1kHz)  Control Features  Enable  Protection Features  Over Current, Reverse Polarity  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  4-UDFN Exposed Pad  Supplier Device Package  4-UDFN (1.0x1.0)	Current - Output	150mA
PSRR  Control Features  Enable  Protection Features  Over Current, Reverse Polarity  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  4-UDFN Exposed Pad  Supplier Device Package  4-UDFN (1.0x1.0)	Current - Quiescent (Iq)	-
Control Features  Protection Features  Over Current, Reverse Polarity  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  4-UDFN Exposed Pad  Supplier Device Package  4-UDFN (1.0x1.0)	Current - Supply (Max)	3.7μΑ
Protection Features Over Current, Reverse Polarity -40°C ~ 85°C  Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-UDFN (1.0x1.0)	PSRR	15dB (1kHz)
Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 4-UDFN Exposed Pad  Supplier Device Package 4-UDFN (1.0x1.0)	Control Features	Enable
Mounting Type Surface Mount  Package / Case 4-UDFN Exposed Pad  Supplier Device Package 4-UDFN (1.0x1.0)	Protection Features	Over Current, Reverse Polarity
Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-UDFN (1.0x1.0)	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 4-UDFN (1.0x1.0)	Mounting Type	Surface Mount
	Package / Case	4-UDFN Exposed Pad
Report errors?	Supplier Device Package	4-UDFN (1.0x1.0)
		Report errors?

#### NCP4624DMU50TCG 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.

## NCP4624DMU50TCG Payment Methods



















## NCP4624DMU50TCG Shipping Methods













If you have any question about NCP4624DMU50TCG, please do not hesitate to contact us!

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