



NCP4688DSN15T1G Information



For Reference Only

Part Number NCP4688DSN15T1G

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 1.5V 150MA SOT23-5

Package SC-74A, SOT-753

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

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.









NCP4688DSN15T1G Specifications

Manufacturer Part Number NCP4688DSN15TIG Manufacturer ON Semiconductor Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package SC-74A, SOT-753 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 1.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 100μA PSRR 80dB ~ 65dB (1kHz ~ 100kHz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	*	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package SC-74A, SOT-753 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 1.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 100µA PSRR 80dB ~ 65dB (1kHz ~ 100kHz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Manufacturer Part Number	NCP4688DSN15T1G
Package SC-74A, SOT-753 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 1.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 100µA PSRR 80dB ~ 65dB (1kHz ~ 100kHz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Manufacturer	ON Semiconductor
Package SC-74A, SOT-753 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 1.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 100μA PSRR 80dB ~ 65dB (1kHz ~ 100kHz) Control Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 1.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 100μA PSRR 80dB ~ 65dB (1kHz ~ 100kHz) Control Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5		PMIC - Voltage Regulators - Linear
Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 1.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 100μA PSRR 80dB ~ 65dB (1kHz ~ 100kHz) Control Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Package	SC-74A, SOT-753
Output TypeFixedNumber of Regulators1Voltage - Input (Max)5.25VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)100μAPSRR80dB ~ 65dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Series	-
Number of Regulators 1 Voltage - Input (Max) 5.25 V Voltage - Output (Min/Fixed) 1.5 V Voltage - Output (Max) - Voltage Dropout (Max) 0.5 V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 100μA PSRR 80dB ~ 65dB (1kHz ~ 100kHz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Output Configuration	Positive
Voltage - Input (Max)5.25VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)100μAPSRR80dB ~ 65dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 80dB ~ 65dB (1kHz ~ 100kHz) Control Features Protection Features Over Current Operating Temperature Mounting Type Surface Mount Package / Case SUT-23-5 Supplier Device Package	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.5V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)100μAPSRR80dB ~ 65dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage - Input (Max)	5.25V
Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 80dB ~ 65dB (1kHz ~ 100kHz) Control Features Enable Protection Features Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package	Voltage - Output (Min/Fixed)	1.5V
Current - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)100μAPSRR80dB ~ 65dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)100μAPSRR80dB ~ 65dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage Dropout (Max)	0.5V @ 150mA
Current - Supply (Max)100μAPSRR80dB ~ 65dB (1kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Current - Output	150mA
PSRR 80dB ~ 65dB (1kHz ~ 100kHz) Control Features Enable Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current -40°C ~ 85°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Current - Supply (Max)	100μΑ
Protection Features Over Current -40°C ~ 85°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	PSRR	80dB ~ 65dB (1kHz ~ 100kHz)
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Control Features	Enable
Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Protection Features	Over Current
Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Operating Temperature	-40°C ~ 85°C
Supplier Device Package SOT-23-5	Mounting Type	Surface Mount
	Package / Case	SC-74A, SOT-753
Report errors?	Supplier Device Package	SOT-23-5
*		Report errors?

NCP4688DSN15T1G 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.

NCP4688DSN15T1G Payment Methods



















NCP4688DSN15T1G Shipping Methods













If you have any question about NCP4688DSN15T1G, please do not hesitate to contact us!

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