



NCV8508D2T50G Information



For Reference Only

Part Number NCV8508D2T50G

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 5V 250MA D2PAK-7 **Package** TO-263-8, D2Pak (7 Leads + Tab), TO-263CA

For the pricing/inventory/lead time, please contact

us

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



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NCV8508D2T50G Specifications

Manufacturer Part Number NCV8508D2T50G Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Package TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Series Automotive, AEC-Q100 Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 45V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage - Output (Max) 0.9V @ 150mA Current - Output 250mA Current - Supply (Max) 150µA PSRR - Control Features Enable, Reset, Watchdog Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package D2PAK-7	•	
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Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 250mA Current - Quiescent (Iq) - Current - Supply (Max) 150μA PSRR - Control Features Enable, Reset, Watchdog Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 0.9V @ 150mA Current - Output 250mA Current - Quiescent (Iq) - Current - Supply (Max) 150µA PSRR - Control Features Enable, Reset, Watchdog Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package D2PAK-7	Voltage - Input (Max)	45V
Voltage Dropout (Max) Current - Output 250mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Enable, Reset, Watchdog Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package	Voltage - Output (Min/Fixed)	5V
Current - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)150μAPSRR-Control FeaturesEnable, Reset, WatchdogProtection FeaturesOver Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageD2PAK-7	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) PSRR - Control Features Enable, Reset, Watchdog Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package	Voltage Dropout (Max)	0.9V @ 150mA
Current - Supply (Max)150μAPSRR-Control FeaturesEnable, Reset, WatchdogProtection FeaturesOver Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageD2PAK-7	Current - Output	250mA
PSRR Control Features Enable, Reset, Watchdog Protection Features Over Temperature, Short Circuit -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package D2PAK-7	Current - Quiescent (Iq)	-
Control Features Enable, Reset, Watchdog Protection Features Over Temperature, Short Circuit -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package D2PAK-7	Current - Supply (Max)	150μΑ
Protection Features Over Temperature, Short Circuit -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package D2PAK-7	PSRR	-
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package D2PAK-7	Control Features	Enable, Reset, Watchdog
Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package D2PAK-7	Protection Features	Over Temperature, Short Circuit
Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package D2PAK-7	Operating Temperature	-40°C ~ 125°C
Supplier Device Package D2PAK-7	Mounting Type	Surface Mount
	Package / Case	TO-263-8, D2Pak (7 Leads + Tab), TO-263CA
Report errors?	Supplier Device Package	D2PAK-7
		Report errors?

NCV8508D2T50G 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.

NCV8508D2T50G Payment Methods



















NCV8508D2T50G Shipping Methods













If you have any question about NCV8508D2T50G, please do not hesitate to contact us!

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