

NCV8716MT50TBG

NCV8716MT50TBG Information





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NCV8716MT50TBG Specifications

ManufacturerON SemiconductorCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage6-WFDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)24VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage - Output (Max)0.5V @ 80mACurrent - Output80mACurrent - Output58µASPRR54dB (100kHz)Control Features-Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature6-WFDFN Exposed PadAudunting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-WDFN (2x2)			
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage6-WFDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)24VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)0.5V @ 80mACurrent - Output80mACurrent - Output5.8µAPSRR54dB (100kHz)Postection Features0ver Current, Output - Voltage Lockout (UVLO)Operating Temperature4.0°C ~ 125°C (TA)Mounting Type6.WFDFN Exposed PadPackage / Case6.WFDFN Exposed PadSupplier Device Package6.WDFN Exposed Pad	Manufacturer Part Number	NCV8716MT50TBG	
PMIC - Voltage Regulators - LinearPackage6-WFDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)24VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)0.5V @ 80mACurrent - Output80mACurrent - Output80mACurrent - Quiescent (Iq)-Stalka54dB (100kHz)Control Features-Protection Features-Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-WDFN (2x2)	Manufacturer	ON Semiconductor	
Package6-WFDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)24VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage - Output (Max)0.5V @ 80mACurrent - Output80mACurrent - Quiescent (Iq)-SupA54B (100kHz)PSRR54B (100kHz)Cortrol Features-Protection Features-Protection Features-Protection Features-Abonting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-WDFN Exposed Pad	Category	Integrated Circuits (ICs)	
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)24VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage - Output (Max)0.5V @ 80mACurrent - Output80mACurrent - Output80mACurrent - Supply (Max)5.8µAPSRR54dB (100kHz)Control Features-Protection Features0ver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-WDFN (22)		PMIC - Voltage Regulators - Linear	
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)24VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage - Output (Max)0.5V @ 80mACurrent - Output80mACurrent - Quiescent (Iq)-Current - Supply (Max)5.8µAPSRR54dB (100kHz)Control Features-Protection Features-Over Current, Over Temperature, Under Voltage Lockout (UVLO)Operating TemperatureSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-WDFN (2x2)	Package	6-WFDFN Exposed Pad	
Output TypeFixedNumber of Regulators1Voltage - Input (Max)24VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 80mACurrent - Output80mACurrent - Quiescent (Iq)-Current - Supply (Max)5.8µAPSRR54dB (100kHz)Control FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-WDFN (2x2)	Series	-	
Number of Regulators1Number of Regulators1Voltage - Input (Max)24VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 80mACurrent - Output80mACurrent - Quiescent (Iq)-Current - Supply (Max)5.8µAPSRR54dB (100kHz)Control Features-Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-WDFN (2x2)	Output Configuration	Positive	
Voltage - Input (Max) 24V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 80mA Current - Output 80mA Current - Quiescent (Iq) - Current - Supply (Max) 5.8µA PSRR 54dB (100kHz) Control Features - Protection Features Over Current, Over Temperature, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 6-WDFN Exposed Pad Supplier Device Package 6-WDFN (2x2)	Output Type	Fixed	
Voltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 80mACurrent - Output80mACurrent - Quiescent (Iq)-Current - Supply (Max)5.8µAPSRR54dB (100kHz)Control Features-Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-WDFN (2x2)	Number of Regulators	1	
Voltage - Output (Max)-Voltage Dropout (Max)0.5V @ 80mACurrent - Output80mACurrent - Quiescent (Iq)-Current - Supply (Max)5.8μAPSRR54dB (100kHz)Control Features-Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-WDFN (2x2)	Voltage - Input (Max)	24V	
Voltage Dropout (Max)0.5V @ 80mACurrent - Output80mACurrent - Quiescent (Iq)-Current - Supply (Max)5.8μAPSRR54dB (100kHz)Control Features-Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-WDFN (2x2)	Voltage - Output (Min/Fixed)	5V	
Current - Output80mACurrent - Quiescent (Iq)-Current - Supply (Max)5.8μAPSRR54dB (100kHz)Control Features-Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-WDFN (2x2)	Voltage - Output (Max)	-	
Current - Quiescent (Iq)-Current - Supply (Max)5.8μAPSRR54dB (100kHz)Control Features-Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-WDFN (2x2)	Voltage Dropout (Max)	0.5V @ 80mA	
Current - Supply (Max)5.8μAPSRR54dB (100kHz)Control Features-Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-WDFN (2x2)	Current - Output	80mA	
PSRR54dB (100kHz)Control Features-Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-WDFN (2x2)	Current - Quiescent (Iq)	-	
Control Features-Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-WDFN (2x2)	Current - Supply (Max)	5.8µA	
Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-WDFN (2x2)	PSRR	54dB (100kHz)	
Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-WDFN (2x2)	Control Features	-	
Mounting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-WDFN (2x2)	Protection Features	Over Current, Over Temperature, Under Voltage Lockout (UVLO)	
Package / Case6-WFDFN Exposed PadSupplier Device Package6-WDFN (2x2)	Operating Temperature	-40°C ~ 125°C (TA)	
Supplier Device Package6-WDFN (2x2)	Mounting Type	Surface Mount	
	Package / Case	6-WFDFN Exposed Pad	
Report errors ⁴	Supplier Device Package	6-WDFN (2x2)	
			Report errors?

NCV8716MT50TBG 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 EUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

NCV8716MT50TBG Payment Methods



If you have any question about NCV8716MT50TBG, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com