

# NCP715SQ18T2G

## NCP715SQ18T2G Information



E-mail: salesdept@heisener.com



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# **Certified Quality**

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# NCP715SQ18T2G Specifications

Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)24VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output50mACurrent - Output50mACurrent - Supply (Max)-PSRR6dB (100kHz)Potection Features-Portection Features-Over Current, Over Temperature, Under Voltage Lockout (UVLO)Operating TypeSurface MountPackage / Case5.TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-88A (SC-70-5/SOT-353)			
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage5-TSSOP, SC-70-5, SOT-353Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)24VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)-Current - Output50mACurrent - Quiescent (Iq)-Voltage Negnet (Iq)-Ournert - Supply (Max)4.2µA ~ 5.8µAPSRR60dB (100kHz)Control Features-Over Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case5.TSSOP, SOT-353Supplier Device PackageSc-88A (SC-70-5, SOT-353)	Manufacturer Part Number	NCP715SQ18T2G	
PMIC - Voltage Regulators - Linear   Package 5-TSSOP, SC-70-5, SOT-353   Series -   Output Configuration Positive   Output Type Fixed   Number of Regulators 1   Voltage - Input (Max) 24V   Voltage - Output (Min/Fixed) 1.8V   Voltage - Output (Max) -   Voltage - Output (Max) -   Voltage Dropout (Max) -   Current - Output 50mA   Current - Quiescent (Iq) -   Current - Supply (Max) 4.2µA ~ 5.8µA   PSRR 60dB (100kHz)   Control Features -   Protection Features -   Protection Features -   Porter - 125°C (TJ) Surface Mount   Package / Case 5.TSSOP, SC-70-5, SOT-353   Supplier Device Package SC-88A (SC-70-5 / SOT-353)	Manufacturer	ON Semiconductor	
Package5-TSSOP, SC-70-5, SOT-353Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)24VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output50mACurrent - Quiescent (Iq)-Current - Supply (Max)4.2µA ~ 5.8µAPSRR60dB (100kHz)Control Features-Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature4.0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case5.TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-88A (SC-70-5/SOT-353)	Category	Integrated Circuits (ICs)	
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Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)24VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output50mACurrent - Output4.2µA ~ 5.8µACurrent - Supply (Max)-PSRR60dB (100kHz)Control Features-Over Current, Over Temperature, Under Voltage Lockout (UVLO)Operating TemperatureSurface MountProkage / Case-Supplier Device PackageScS8A (SC-70-5, SOT-353)	Package	5-TSSOP, SC-70-5, SOT-353	
Output TypeFixedNumber of Regulators1Voltage - Input (Max)24VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)-Voltage Dropout (Max)-Current - Output50mACurrent - Quiescent (Iq)-Voltage Sapely (Max)-PSRR6dB (100kHz)Control Features-Over Current, Output-Over Current, Output-Potection FeaturesOver Current, Output Funder, Under Voltage Lockout (UVLO)Operating TemperatureSurface MountPackage / Case5.TSSOP, SC7-75, SOT-353Supplier Device PackageSc-88A (SC-70-5 / SOT-353)	Series	-	
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Voltage - Input (Max) 24V   Voltage - Output (Min/Fixed) 1.8V   Voltage - Output (Max) -   Voltage Dropout (Max) -   Current - Output 50mA   Current - Quiescent (Iq) -   Current - Supply (Max) 4.2μA ~ 5.8μA   PSRR 60dB (100kHz)   Control Features -   Protection Features Over Current, Over Temperature, Under Voltage Lockout (UVLO)   Operating Temperature -40°C ~ 125°C (TJ)   Mounting Type Surface Mount   Package / Case S-TSSOP, SC-70-5, SOT-353   Supplier Device Package SC-88A (SC-70-5 / SOT-353)	Output Type	Fixed	
Voltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output50mACurrent - Quiescent (Iq)-Kurrent - Supply (Max)4.2µA ~ 5.8µAPSRR60dB (100kHz)Control Features-Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating TemperatureSurface MountPackage / Case5.TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-88A (SC-70-5/SOT-353)	Number of Regulators	1	
Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output50mACurrent - Quiescent (Iq)-Current - Supply (Max)4.2μA ~ 5.8μAPSRR60dB (100kHz)Control Features-Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating TemperatureSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-88A (SC-70-5 / SOT-353)	Voltage - Input (Max)	24V	
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PSRR60dB (100kHz)Control Features-Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-88A (SC-70-5 / SOT-353)	Current - Quiescent (Iq)	-	
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Operating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-88A (SC-70-5 / SOT-353)	Control Features	-	
Mounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-88A (SC-70-5 / SOT-353)	Protection Features	Over Current, Over Temperature, Under Voltage Lockout (UVLO)	
Package / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-88A (SC-70-5 / SOT-353)	Operating Temperature	-40°C ~ 125°C (TJ)	
Supplier Device PackageSC-88A (SC-70-5 / SOT-353)	Mounting Type	Surface Mount	
	Package / Case	5-TSSOP, SC-70-5, SOT-353	
Report errors?	Supplier Device Package	SC-88A (SC-70-5 / SOT-353)	
			Report errors?

### NCP715SQ18T2G 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.

### NCP715SQ18T2G Payment Methods





If you have any question about NCP715SQ18T2G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com