



NCP729FC25T2G Information

Heisener.com

Part Number NCP729FC25T2G

Manufacturer ON Semiconductor

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 2.5V 200MA 4-CSP

Package 4-WFBGA, CSPBGA

For the pricing/inventory/lead time, please contact

us

For Reference Only

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.









NCP729FC25T2G Specifications

Manufacturer ON Semiconductor Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 4-WFBGA, CSPBGA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.14V @ 200mA Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) 50μA ~ 200μA PSRR 74dB (56dB (100Hz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 125°C			
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Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.14V @ 200mA Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) 50µA ~ 200µA PSRR 74dB (56dB (100Hz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature, Under Voltage Lockout (UVLO) Operating Temperature - 40°C ~ 125°C		PMIC - Voltage Regulators - Linear	
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Output TypeFixedNumber of Regulators1Voltage - Input (Max) $5.5V$ Voltage - Output (Min/Fixed) $2.5V$ Voltage - Output (Max)-Voltage Dropout (Max) $0.14V @ 200mA$ Current - Output $200mA$ Current - Quiescent (Iq)-Current - Supply (Max) $50\mu A \sim 200\mu A$ PSRR $74dB (56dB (100Hz \sim 10kHz)$ Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$	Series	-	
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Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 74dB (56dB (100Hz ~ 10kHz) Control Features Protection Features Over Current, Over Temperature, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 125°C	Output Type	Fixed	
Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 74dB (56dB (100Hz ~ 10kHz) Control Features Protection Features Over Current, Over Temperature, Under Voltage Lockout (UVLO) -40°C ~ 125°C	Number of Regulators	1	
Voltage - Output (Max) Voltage Dropout (Max) Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 74dB (56dB (100Hz ~ 10kHz) Control Features Protection Features Over Current, Over Temperature, Under Voltage Lockout (UVLO) -40°C ~ 125°C	Voltage - Input (Max)	5.5V	
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Control Features Protection Features Over Current, Over Temperature, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 125°C	Current - Supply (Max)	50μ A ~ 200μ A	
Protection Features Over Current, Over Temperature, Under Voltage Lockout (UVLO) Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	PSRR	74dB (56dB (100Hz ~ 10kHz)	
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Control Features	Enable	
	Protection Features	Over Current, Over Temperature, Under Voltage Lockout (UVLO)	
Mounting Type Surface Mount	Operating Temperature	-40°C ~ 125°C	
Mounting Type Surface Mount	Mounting Type	Surface Mount	
Package / Case 4-WFBGA, CSPBGA	Package / Case	4-WFBGA, CSPBGA	
Supplier Device Package 4-CSP (1.06x1.06)	Supplier Device Package	4-CSP (1.06x1.06)	
Report errors?			Report errors?

NCP729FC25T2G 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.

NCP729FC25T2G Payment Methods



















NCP729FC25T2G Shipping Methods













If you have any question about NCP729FC25T2G, please do not hesitate to contact us!

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