



LP5907SNX-2.5/NOPB Information



For Reference Only

Part Number LP5907SNX-2.5/NOPB
Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 2.5V 250MA 4X2SON

Package 4-XDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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LP5907SNX-2.5/NOPB Specifications

Manufacturer Part Number LP5907SNX-2.5/NOPB Manufacturer Texas Instruments Category Integrated Circuits (ICs) Package 4-XDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5 V Voltage - Output (Min/Fixed) 2.5 V Voltage - Output (Max) - Voltage - Output (Max) 0.25 V @ 250mA Current - Output 250mA Current - Supply (Max) 25μA ~ 425μA PSRR 90dB ~ 60dB (100Hz ~ 100kHz) Control Features Emable Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-XSON (1x1)	*	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 4-XDFN Exposed Pad 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) 0.25V @ 250mA Current - Output 250mA Current - Quiescent (Iq) - Current - Supply (Max) 25μA ~ 425μA PSRR 90dB ~ 60dB (100Hz ~ 100kHz) Control Features Enable Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-X2SON (1x1)	Manufacturer Part Number	LP5907SNX-2.5/NOPB
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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) 0.25V @ 250mA Current - Output 250mA Current - Quiescent (Iq) - Current - Supply (Max) 25μA ~ 425μA PSRR 90dB ~ 60dB (100Hz ~ 100kHz) Control Features Enable Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-XSON (1x1)		PMIC - Voltage Regulators - Linear
Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5 V Voltage - Output (Min/Fixed) 2.5 V Voltage - Output (Max) - Voltage Dropout (Max) 0.25 V @ 250mA Current - Output 250mA Current - Quiescent (Iq) - Current - Supply (Max) 25 μA ~ 425 μA PSRR 90dB ~ 60dB (100Hz ~ 100kHz) Control Features Enable Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-XSON (1x1)	Package	4-XDFN Exposed Pad
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.25V @ 250mA Current - Output 250mA Current - Quiescent (Iq) - Current - Supply (Max) 25μA ~ 425μA PSRR 90dB ~ 60dB (100Hz ~ 100kHz) Control Features Enable Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-X2SON (1x1)	Series	-
Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.25V @ 250mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)25μA ~ 425μAPSRR90dB ~ 60dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-X2SON (1x1)	Output Configuration	Positive
Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.25V @ 250mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)25μA ~ 425μAPSRR90dB ~ 60dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-X2SON (1x1)	Output Type	Fixed
Voltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.25V @ 250mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)25μA ~ 425μAPSRR90dB ~ 60dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package4-X2SON (1x1)	Number of Regulators	1
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) $0.25V @ 250mA$ Current - Output $250mA$ Current - Quiescent (Iq) - Current - Supply (Max) $25\mu A \sim 425\mu A$ PSRR $90dB \sim 60dB (100Hz \sim 100kHz)$ Control Features Enable Protection Features Over Temperature, Short Circuit Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount Package / Case $4-XDFN$ Exposed Pad $4-X2SON$ (1x1)	Voltage - Output (Min/Fixed)	2.5V
Current - Output $250mA$ Current - Quiescent (Iq)-Current - Supply (Max) $25\mu A \sim 425\mu A$ PSRR $90dB \sim 60dB (100Hz \sim 100kHz)$ Control FeaturesEnableProtection FeaturesOver Temperature, Short CircuitOperating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface MountPackage / Case $4-XDFN$ Exposed PadSupplier Device Package $4-X2SON (1x1)$	Voltage - Output (Max)	-
$\begin{array}{lll} & \text{Current - Quiescent (Iq)} & \text{-} \\ & \text{Current - Supply (Max)} & 25 \mu \text{A} & 425 \mu \text{A} \\ & \text{PSRR} & 90 \text{dB} & 60 \text{dB} (100 \text{Hz} & 100 \text{kHz}) \\ & \text{Control Features} & \text{Enable} \\ & \text{Protection Features} & \text{Over Temperature, Short Circuit} \\ & \text{Operating Temperature} & -40^{\circ}\text{C} & 125^{\circ}\text{C} \\ & \text{Mounting Type} & \text{Surface Mount} \\ & \text{Package / Case} & 4-\text{XDFN Exposed Pad} \\ & \text{Supplier Device Package} & 4-\text{X2SON (1x1)} \\ \end{array}$	Voltage Dropout (Max)	0.25V @ 250mA
Current - Supply (Max) $25\mu A \sim 425\mu A$ $90dB \sim 60dB (100Hz \sim 100kHz)$ Control Features Enable Protection Features Over Temperature, Short Circuit $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $4-\text{XDFN Exposed Pad}$ Supplier Device Package $4-\text{X2SON (1x1)}$	Current - Output	250mA
PSRR 90dB ~ 60dB (100Hz ~ 100kHz) Control Features Enable Protection Features Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-X2SON (1x1)	Current - Quiescent (Iq)	-
Control Features Protection Features Over Temperature, Short Circuit -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-X2SON (1x1)	Current - Supply (Max)	25μA ~ 425μA
Protection Features Over Temperature, Short Circuit Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-X2SON (1x1)	PSRR	90dB ~ 60dB (100Hz ~ 100kHz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-X2SON (1x1)	Control Features	Enable
Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-X2SON (1x1)	Protection Features	Over Temperature, Short Circuit
Package / Case 4-XDFN Exposed Pad Supplier Device Package 4-X2SON (1x1)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 4-X2SON (1x1)	Mounting Type	Surface Mount
	Package / Case	4-XDFN Exposed Pad
Report errors?	Supplier Device Package	4-X2SON (1x1)
		Report errors?

LP5907SNX-2.5/NOPB 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.

LP5907SNX-2.5/NOPB Payment Methods



















LP5907SNX-2.5/NOPB Shipping Methods













If you have any question about LP5907SNX-2.5/NOPB, please do not hesitate to contact us!

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