

LM2936MPX-3.0 Information



For Reference Only

Part Number LM2936MPX-3.0

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 3V 50MA SOT223-4

Package TO-261-4, TO-261AA

For the pricing/inventory/lead time, please contact

us

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



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LM2936MPX-3.0 Specifications

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Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-261-4, TO-261AA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.2V @ 50mA Current - Output 50mA Current - Quiescent (Iq) - Current - Supply (Max) 15µA ~ 2.5mA PSRR 60dB (120Hz) Control Features - Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 125°C	Manufacturer Part Number	LM2936MPX-3.0
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Package TO-261-4, TO-261AA Series Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 50mA Current - Quiescent (Iq) Current - Supply (Max) PSRR 60dB (120Hz) Control Features Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 125°C	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.2V @ 50mA Current - Output 50mA Current - Quiescent (Iq) - Current - Supply (Max) 15μA ~ 2.5mA PSRR 60dB (120Hz) Control Features - Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 125°C		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max) $40V$ Voltage - Output (Min/Fixed) $3V$ Voltage - Output (Max)-Voltage Dropout (Max) $0.2V @ 50mA$ Current - Output $50mA$ Current - Quiescent (Iq)-Current - Supply (Max) $15\mu A \sim 2.5mA$ PSRR $60dB (120Hz)$ Control Features-Protection FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature $-40^{\circ}C \sim 125^{\circ}C$	Package	TO-261-4, TO-261AA
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Voltage - Input (Max)	Output Type	Fixed
Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.2V @ 50mA Current - Output 50mA Current - Quiescent (Iq) - Current - Supply (Max) 15μA ~ 2.5mA PSRR 60dB (120Hz) Control Features - Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 125°C	Number of Regulators	1
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Voltage - Input (Max)	40V
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Voltage - Output (Min/Fixed)	3V
Current - Output $50 mA$ Current - Quiescent (Iq) - Current - Supply (Max) $15 \mu A \sim 2.5 mA$ PSRR $60 dB (120 Hz)$ Control Features - Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature $-40 ^{\circ}C \sim 125 ^{\circ}C$	Voltage - Output (Max)	-
Current - Quiescent (Iq) -	Voltage Dropout (Max)	0.2V @ 50mA
Current - Supply (Max) $15\mu A \sim 2.5 mA$ PSRR $60 dB (120 Hz)$ Control Features - Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$	Current - Output	50mA
PSRR 60dB (120Hz) Control Features - Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 125°C	Current - Quiescent (Iq)	-
Control Features - Protection Features Over Temperature, Reverse Polarity, Short Circuit $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Current - Supply (Max)	$15\mu A \sim 2.5 mA$
Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	PSRR	60dB (120Hz)
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Control Features	-
	Protection Features	Over Temperature, Reverse Polarity, Short Circuit
	Operating Temperature	-40°C ~ 125°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case TO-261-4, TO-261AA	Package / Case	TO-261-4, TO-261AA
Supplier Device Package SOT-223-4	Supplier Device Package	SOT-223-4
Report errors		Report errors?

LM2936MPX-3.0 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.

LM2936MPX-3.0 Payment Methods





















LM2936MPX-3.0 Shipping Methods













If you have any question about LM2936MPX-3.0, please do not hesitate to contact us!

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