



#### LM2937IMPX-5.0 Information



For Reference Only

Part Number LM2937IMPX-5.0

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 5V 400MA 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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## **Certified Quality**

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# LM2937IMPX-5.0 Specifications

Manufacturer 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) 26V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 1V @ 50mA  Current - Output Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Protection Features Over Temperature, Reverse Polarity, Short Circuit		
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)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  -  Voltage Dropout (Max)  1V @ 50mA  Current - Output  400mA  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  -  Control Features  Protection Features  Over Temperature, Reverse Polarity, Short Circuit	Manufacturer Part Number	LM2937IMPX-5.0
PMIC - Voltage Regulators - Linear  Package TO-261-4, TO-261AA  Series - Output Configuration Positive Output Type Fixed  Number of Regulators 1  Voltage - Input (Max) 26V  Voltage - Output (Min/Fixed) 5V  Voltage - Output (Max) - Voltage Dropout (Max) 1V ® 50mA  Current - Output 400mA  Current - Quiescent (Iq) - Current - Supply (Max) 2mA ~ 20mA  PSRR - Control Features - Protection Features Over Temperature, Reverse Polarity, Short Circuit	Manufacturer	Texas Instruments
Package TO-261-4, TO-261AA  Series - Output Configuration Positive Output Type Fixed Number of Regulators 1  Voltage - Input (Max) 26V  Voltage - Output (Min/Fixed) 5V  Voltage - Output (Max) -  Voltage Dropout (Max) 1V @ 50mA  Current - Output 400mA  Current - Quiescent (Iq) - Current - Supply (Max) 2mA ~ 20mA  PSRR - Control Features -  Protection Features Over Temperature, Reverse Polarity, Short Circuit	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 26V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 1V @ 50mA Current - Output 400mA Current - Quiescent (Iq) - Current - Supply (Max) 2mA ~ 20mA PSRR Control Features - Over Temperature, Reverse Polarity, Short Circuit		PMIC - Voltage Regulators - Linear
Output Configuration  Output Type  Fixed  Number of Regulators  1  Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage - Output (Max)  -  Voltage Dropout (Max)  1V @ 50mA  Current - Output  400mA  Current - Quiescent (Iq)  -  Current - Supply (Max)  PSRR  -  Control Features  Over Temperature, Reverse Polarity, Short Circuit	Package	TO-261-4, TO-261AA
Output Type Fixed  Number of Regulators 1  Voltage - Input (Max) 26V  Voltage - Output (Min/Fixed) 5V  Voltage - Output (Max) -  Voltage Dropout (Max) 1V @ 50mA  Current - Output 400mA  Current - Quiescent (Iq) -  Current - Supply (Max) 2mA ~ 20mA  PSRR -  Control Features -  Protection Features Over Temperature, Reverse Polarity, Short Circuit	Series	-
Number of Regulators  Voltage - Input (Max)  26V  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  -  Voltage Dropout (Max)  1V @ 50mA  Current - Output  400mA  Current - Quiescent (Iq)  -  Current - Supply (Max)  PSRR  -  Control Features  Protection Features  Over Temperature, Reverse Polarity, Short Circuit	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  -  Voltage Dropout (Max)  1V @ 50mA  Current - Output  400mA  Current - Quiescent (Iq)  -  Current - Supply (Max)  PSRR  -  Control Features  Protection Features  Over Temperature, Reverse Polarity, Short Circuit	Output Type	Fixed
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  -  Voltage Dropout (Max)  Current - Output  400mA  Current - Quiescent (Iq)  -  Current - Supply (Max)  PSRR  -  Control Features  Protection Features  Over Temperature, Reverse Polarity, Short Circuit	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  1V @ 50mA  Current - Output  400mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Protection Features  Over Temperature, Reverse Polarity, Short Circuit	Voltage - Input (Max)	26V
Voltage Dropout (Max)  Current - Output  400mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Protection Features  Over Temperature, Reverse Polarity, Short Circuit	Voltage - Output (Min/Fixed)	5V
Current - Output 400mA  Current - Quiescent (Iq) -  Current - Supply (Max) 2mA ~ 20mA  PSRR -  Control Features -  Protection Features Over Temperature, Reverse Polarity, Short Circuit	Voltage - Output (Max)	-
Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  - Control Features  Protection Features  Over Temperature, Reverse Polarity, Short Circuit	Voltage Dropout (Max)	1V @ 50mA
Current - Supply (Max)  PSRR  - Control Features  Protection Features  Over Temperature, Reverse Polarity, Short Circuit	Current - Output	400mA
PSRR - Control Features - Protection Features Over Temperature, Reverse Polarity, Short Circuit	Current - Quiescent (Iq)	-
Control Features - Protection Features Over Temperature, Reverse Polarity, Short Circuit	Current - Supply (Max)	2mA ~ 20mA
Protection Features Over Temperature, Reverse Polarity, Short Circuit	PSRR	-
·	Control Features	-
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Protection Features	Over Temperature, Reverse Polarity, Short Circuit
operating reinperature	Operating Temperature	-40°C ~ 85°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 error		Report errors?

#### LM2937IMPX-5.0 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.

### LM2937IMPX-5.0 Payment Methods



















# LM2937IMPX-5.0 Shipping Methods













If you have any question about LM2937IMPX-5.0, please do not hesitate to contact us!

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