



### LM2931AMX-5.0 Information



For Reference Only

Part Number LM2931AMX-5.0

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 5V 100MA 8SOIC **Package** 8-SOIC (0.154", 3.90mm Width)

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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## LM2931AMX-5.0 Specifications

Manufacturer Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 8-SOIC (0.154", 3.90mm Width) Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 26V Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) - Voltage Dropo	•	
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         8-SOIC (0.154", 3.90mm Width)           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)         0.3V @ 100mA           Current - Output         100mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         15mA ~ 30mA           PSRR         80dB (120Hz)	Manufacturer Part Number	LM2931AMX-5.0
PMIC - Voltage Regulators - Linear           Package         8-SOIC (0.154", 3.90mm Width)           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)         0.3V @ 100mA           Current - Output         100mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         15mA ~ 30mA           PSRR         80dB (120Hz)	Manufacturer	Texas Instruments
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Number of Regulators  1 Voltage - Input (Max)  26V  Voltage - Output (Min/Fixed)  5V  Voltage - Output (Max)  - Voltage Dropout (Max)  Current - Output  100mA  Current - Quiescent (Iq)  Current - Supply (Max)  15mA ~ 30mA  PSRR  80dB (120Hz)	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  -  Voltage Dropout (Max)  Current - Output  100mA  Current - Quiescent (Iq)  -  Current - Supply (Max)  PSRR  80dB (120Hz)	Output Type	Fixed
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Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR	Voltage - Input (Max)	26V
Voltage Dropout (Max)  Current - Output  100mA  Current - Quiescent (Iq)  - Current - Supply (Max)  15mA ~ 30mA  PSRR  80dB (120Hz)	Voltage - Output (Min/Fixed)	5V
Current - Output       100mA         Current - Quiescent (Iq)       -         Current - Supply (Max)       15mA ~ 30mA         PSRR       80dB (120Hz)	Voltage - Output (Max)	-
Current - Quiescent (Iq)  Current - Supply (Max)  15mA ~ 30mA  PSRR  80dB (120Hz)	Voltage Dropout (Max)	0.3V @ 100mA
Current - Supply (Max) 15mA ~ 30mA PSRR 80dB (120Hz)	Current - Output	100mA
PSRR 80dB (120Hz)	Current - Quiescent (Iq)	-
	Current - Supply (Max)	15mA ~ 30mA
	PSRR	80dB (120Hz)
Control reatures -	Control Features	-
Protection Features Over Temperature, Reverse Polarity, Short Circuit	Protection Features	Over Temperature, Reverse Polarity, Short Circuit
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Operating Temperature	-40°C ~ 85°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 8-SOIC (0.154", 3.90mm Width)	Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package 8-SOIC	Supplier Device Package	8-SOIC
Report errors?		Report errors?

#### LM2931AMX-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.

### LM2931AMX-5.0 Payment Methods



















### LM2931AMX-5.0 Shipping Methods













If you have any question about LM2931AMX-5.0, please do not hesitate to contact us!

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