

### **LM2937ET-12 Information**



For Reference Only

Part NumberLM2937ET-12ManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 12V 500MA TO220-3

Package TO-220-3

For the pricing/inventory/lead time, please contact

us

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



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## **LM2937ET-12 Specifications**

Manufacturer Part Number         LM2937ET-12           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Package         TO-220-3           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         26V           Voltage - Output (Min/Fixed)         12V           Voltage - Output (Max)         -           Voltage Dropout (Max)         1V @ 50mA           Current - Output         500mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         2mA ~ 20mA           PSR         -           Control Features         -           Protection Features         Over Temperature, Reverse Polarity, Short Circuit           Operating Temperature         -40°C ~ 125°C           Mounting Type         Through Hole           Package / Case         TO-220-3           Supplier Device Package         TO-220-3		
Integrated Circuits (ICs)   PMIC - Voltage Regulators - Linear	Manufacturer Part Number	LM2937ET-12
Package         TO-220-3           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         26V           Voltage - Output (Min/Fixed)         12V           Voltage - Output (Max)         -           Voltage Dropout (Max)         1V @ 50mA           Current - Output         500mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         2mA ~ 20mA           PSRR         -           Control Features         -           Protection Features         Over Temperature, Reverse Polarity, Short Circuit           Operating Temperature         -40°C ~ 125°C           Mounting Type         Through Hole           Package / Case         TO-220-3           Supplier Device Package         TO-220-3	Manufacturer	Texas Instruments
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Voltage - Output (Min/Fixed)12VVoltage - Output (Max)-Voltage Dropout (Max)1V @ 50mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)2mA ~ 20mAPSRR-Control Features-Protection FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  1V @ 50mA  Current - Output  500mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  - Protection Features  Over Temperature, Reverse Polarity, Short Circuit  Operating Temperature  40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-220-3  Supplier Device Package  TO-220-3	Voltage - Input (Max)	26V
Voltage Dropout (Max)  Current - Output  500mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Protection Features  Over Temperature, Reverse Polarity, Short Circuit  Operating Temperature  40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-220-3  Supplier Device Package  TO-220-3	Voltage - Output (Min/Fixed)	12V
Current - Output 500mA  Current - Quiescent (Iq) -  Current - Supply (Max) 2mA ~ 20mA  PSRR -  Control Features  Protection Features Over Temperature, Reverse Polarity, Short Circuit  Operating Temperature -40°C ~ 125°C  Mounting Type Through Hole  Package / Case TO-220-3  Supplier Device Package TO-220-3	Voltage - Output (Max)	-
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PSRR - Control Features - Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package	Current - Quiescent (Iq)	-
Control Features - Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Current - Supply (Max)	2mA ~ 20mA
Protection Features Over Temperature, Reverse Polarity, Short Circuit  -40°C ~ 125°C  Mounting Type Through Hole  Package / Case TO-220-3  Supplier Device Package TO-220-3	PSRR	-
Operating Temperature  -40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-220-3  Supplier Device Package  TO-220-3	Control Features	-
Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Protection Features	Over Temperature, Reverse Polarity, Short Circuit
Package / Case TO-220-3 Supplier Device Package TO-220-3	Operating Temperature	-40°C ~ 125°C
Supplier Device Package TO-220-3	Mounting Type	Through Hole
	Package / Case	TO-220-3
Report errors?	Supplier Device Package	TO-220-3
		Report errors?

#### LM2937ET-12 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.

# **LM2937ET-12 Payment Methods**



















### **LM2937ET-12 Shipping Methods**













If you have any question about LM2937ET-12, please do not hesitate to contact us!

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