

#### LP2950-02YZ Information



For Reference Only

Part Number LP2950-02YZ

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 5V 100MA TO92-3 **Package** TO-226-3, TO-92-3 (TO-226AA)

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**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









## **LP2950-02YZ Specifications**

Manufacturer Part Number         LP2950-02YZ           Manufacturer         Microchip Technology           Category         Integrated Circuits (ICs)           Package         TO-226-3, TO-92-3 (TO-226AA)           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         30V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage - Output (Max)         -           Voltage - Output (Max)         0.6V @ 100mA           Current - Output         100mA           Current - Supply (Max)         150μA ~ 14mA           PSRR         -           Control Features         Enable, Error Flag           Protection Features         -           Operating Temperature         -40°C ~ 125°C           Mounting Type         Through Hole           Package / Case         TO-226-3, TO-92-3 (TO-226AA)           Supplier Device Package         TO-92-3	212/00 0212 Specifications	
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         TO-226-3, TO-92-3 (TO-226AA)           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         30V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.6V @ 100mA           Current - Output         100mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         150μA ~ 14mA           PSRR         -           Control Features         Enable, Error Flag           Protection Features         -           Operating Temperature         -40°C ~ 125°C           Mounting Type         Through Hole           Package / Case         TO-226-3, TO-92-3 (TO-226AA)           Supplier Device Package         TO-92-3	Manufacturer Part Number	LP2950-02YZ
PMIC - Voltage Regulators - Linear           Package         TO-226-3, TO-92-3 (TO-226AA)           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         30V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.6V @ 100mA           Current - Output         100mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         150μA ~ 14mA           PSRR         -           Control Features         Enable, Error Flag           Protection Features         -           Operating Temperature         -40°C ~ 125°C           Mounting Type         Through Hole           Package / Case         TO-226-3, TO-92-3 (TO-226AA)           Supplier Device Package         TO-92-3	Manufacturer	Microchip Technology
Package         TO-226-3, TO-92-3 (TO-226AA)           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         30V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.6V @ 100mA           Current - Output         100mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         150μA ~ 14mA           PSRR         -           Control Features         Enable, Error Flag           Protection Features         -           Operating Temperature         -40°C ~ 125°C           Mounting Type         Through Hole           Package / Case         TO-226-3, TO-92-3 (TO-226AA)           Supplier Device Package         TO-92-3	Category	Integrated Circuits (ICs)
Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         30V           Voltage - Output (Min/Fixed)         5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.6V @ 100mA           Current - Output         100mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         150μA ~ 14mA           PSRR         -           Control Features         Enable, Error Flag           Protection Features         -           Operating Temperature         -40°C ~ 125°C           Mounting Type         Through Hole           Package / Case         TO-226-3, TO-92-3 (TO-226AA)           Supplier Device Package         TO-92-3		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)30VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)150μA ~ 14mAPSRR-Control FeaturesEnable, Error FlagProtection Features-Operating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Package	TO-226-3, TO-92-3 (TO-226AA)
Output Type  Number of Regulators  1  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  -  Control Features  Protection Features  Protection Features  Protection Features  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Series	-
Number of Regulators1Voltage - Input (Max)30VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)150μA ~ 14mAPSRR-Control FeaturesEnable, Error FlagProtection Features-Operating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage - Output (Max)  -  Voltage Dropout (Max)  Current - Output  100mA  Current - Quiescent (Iq)  -  Current - Supply (Max)  PSRR  -  Control Features  Enable, Error Flag  Protection Features  Operating Temperature  -40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package  TO-92-3	Output Type	Fixed
Voltage - Output (Max)5VVoltage Dropout (Max)0.6V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)150μA ~ 14mAPSRR-Control FeaturesEnable, Error FlagProtection Features-Operating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  100mA  Current - Quiescent (Iq)  - Current - Supply (Max)  150μA ~ 14mA  PSRR  - Control Features  Enable, Error Flag  Protection Features  Operating Temperature  -40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Voltage - Input (Max)	30V
Voltage Dropout (Max)  Current - Output  100mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Enable, Error Flag  Protection Features  Operating Temperature  -40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Voltage - Output (Min/Fixed)	5V
Current - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)150μA ~ 14mAPSRR-Control FeaturesEnable, Error FlagProtection Features-Operating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Voltage - Output (Max)	-
Current - Quiescent (Iq)  Current - Supply (Max)  150μA ~ 14mA  PSRR  - Control Features  Enable, Error Flag  Protection Features  -40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Voltage Dropout (Max)	0.6V @ 100mA
Current - Supply (Max)150μA ~ 14mAPSRR-Control FeaturesEnable, Error FlagProtection Features-Operating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA)Supplier Device PackageTO-92-3	Current - Output	100mA
PSRR Control Features Enable, Error Flag  Protection Features -40°C ~ 125°C  Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package TO-92-3	Current - Quiescent (Iq)	-
Control Features  Protection Features  Operating Temperature  -40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package	Current - Supply (Max)	$150\mu\text{A} \sim 14\text{mA}$
Protection Features  Operating Temperature  -40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package  TO-92-3	PSRR	-
Operating Temperature  -40°C ~ 125°C  Mounting Type  Through Hole  Package / Case  TO-226-3, TO-92-3 (TO-226AA)  Supplier Device Package  TO-92-3	Control Features	Enable, Error Flag
Mounting Type Through Hole Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92-3	Protection Features	-
Package / Case TO-226-3, TO-92-3 (TO-226AA) Supplier Device Package TO-92-3	Operating Temperature	-40°C ~ 125°C
Supplier Device Package TO-92-3	Mounting Type	Through Hole
	Package / Case	TO-226-3, TO-92-3 (TO-226AA)
Report errors?	Supplier Device Package	TO-92-3
		Report errors?

#### LP2950-02YZ 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.

### LP2950-02YZ Payment Methods



















# LP2950-02YZ Shipping Methods













If you have any question about LP2950-02YZ, please do not hesitate to contact us!

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