

# LP2950CZ-3.0RA

### LP2950CZ-3.0RA Information

www.tr.heisener.com	Part Number	LP2950CZ-3.0RA	
	Manufacturer	ON Semiconductor	in y strin
	Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear	
	Description	IC REG LINEAR 3V 100MA TO92-3	
	Package	TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	
		For the pricing/inventory/lead time, please contact	ELGMC292
		us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

## **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.



## LP2950CZ-3.0RA Specifications

Manufacturer   ON Semiconductor     Category   Integrated Circuits (ICs)     PMIC - Voltage Regulators - Linear     Package   TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)     Package   -     Dutput Configuration   Positive     Dutput Configuration   Fixed     Number of Regulators   1     Voltage - Input (Max)   30V     Voltage - Output (Max)   3V     Voltage - Output (Max)   -     Voltage Dropout (Max)   -     Current - Output   100mA     Current - Quiescent (Iq)   -     Current - Supply (Max)   120µA ~ 12mA     Protection Features   Over Current, Over Temperature     Protection Features   Over Current, Over Temperature     Protection Features   Over Current, Over Temperature     Operating Temperature   -40°C ~ 125°C     Mounting Type		
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackageTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Package-Poutpot ConfigurationPositiveDoutput ConfigurationPositivePoutput TypeFixedNumber of Regulators1Voltage - Input (Max)3VVoltage - Output (Max)-Voltage Poutput (Max)-Voltage Dropout (Max)-Current - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR-Portoction Features-Portoction Features-Portoction Features-Operating Temperature-Package / CaseThrough HolePackage / CaseTo-226-3, TO-92-3 (TO-226AA) (Formed Leads)	Manufacturer Part Number	LP2950CZ-3.0RA
PMIC - Voltage Regulators - Linear     Package   TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)     Package   -     Output Configuration   Positive     Dutput Type   Fixed     Number of Regulators   1     Voltage - Input (Max)   30V     Voltage - Output (Min/Fixed)   3V     Voltage - Output (Max)   -     Voltage Dropout (Max)   -     Current - Output   100mA     Current - Quiescent (Iq)   -     Current - Supply (Max)   120µA ~ 12mA     PSRR   -     Control Features   Over Current, Over Temperature     Portection Features   Over Current, Over Temperature     Operating Temperature   -40°C ~ 125°C     Mounting Type   Through Hole     Package / Case   TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	Manufacturer	ON Semiconductor
Package   TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)     Series   -     Dutput Configuration   Positive     Dutput Type   Fixed     Number of Regulators   1     Voltage - Input (Max)   30V     Voltage - Output (Min/Fixed)   3V     Voltage - Output (Max)   -     Voltage - Output (Max)   0.45V @ 100mA     Current - Output   100mA     Current - Output   120µA ~ 12mA     StRR   -     Control Features   -     Protection Features   -     Operating Temperature   -40°C ~ 125°C     Mounting Type   Through Hole     Package / Case   To-226-3, TO-92-3 (TO-226AA) (Formed Leads)	Category	Integrated Circuits (ICs)
Series   -     Dutput Configuration   Positive     Dutput Type   Fixed     Number of Regulators   1     Voltage - Input (Max)   30V     Voltage - Output (Min/Fixed)   3V     Voltage - Output (Max)   -     Voltage - Output (Max)   0.45V @ 100mA     Voltage Dropout (Max)   0.45V @ 100mA     Current - Output   100mA     Current - Quiescent (Iq)   -     Current - Supply (Max)   120µA ~ 12mA     Protection Features   -     Protection Features   -     Operating Temperature   40°C ~ 125°C     Mounting Type   Through Hole     Package / Case   To-226-3, TO-922-3 (TO-226AA) (Formed Leads)		PMIC - Voltage Regulators - Linear
Description   Positive     Dutput Type   Fixed     Number of Regulators   1     Voltage - Input (Max)   30V     Voltage - Output (Min/Fixed)   3V     Voltage - Output (Max)   -     Voltage Dropout (Max)   0.45V @ 100mA     Current - Output   100mA     Current - Quiescent (Iq)   -     Current - Supply (Max)   20µA ~ 12mA     PSRR   -     Control Features   Over Current, Over Temperature     Poreating Temperature   40°C ~ 125°C     Mounting Type   Through Hole     Package / Case   To-226-3, TO-226 AL, (Formed Leads)	Package	TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)
Duput Type   Fixed     Number of Regulators   1     Voltage - Input (Max)   30V     Voltage - Output (Min/Fixed)   3V     Voltage - Output (Max)   -     Voltage - Output (Max)   0.45V @ 100mA     Voltage Dropout (Max)   0.45V @ 100mA     Current - Output   100mA     Current - Quiescent (Iq)   -     Current - Supply (Max)   120µA ~ 12mA     PSRR   -     Control Features   -     Protection Features   Over Current, Over Temperature     Operating Temperature   -40°C ~ 125°C     Mounting Type   Through Hole     Package / Case   TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	Series	-
Number of Regulators   1     Voltage - Input (Max)   30V     Voltage - Output (Min/Fixed)   3V     Voltage - Output (Max)   -     Voltage Dropout (Max)   0.45V @ 100mA     Current - Output   100mA     Current - Quiescent (Iq)   -     Current - Supply (Max)   120μA ~ 12mA     PSRR   -     Control Features   Over Current, Over Temperature     Operating Temperature   40°C ~ 125°C     Mounting Type   Through Hole     Package / Case   TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	Output Configuration	Positive
Voltage - Input (Max)   30V     Voltage - Output (Min/Fixed)   3V     Voltage - Output (Max)   -     Voltage Dropout (Max)   0.45V @ 100mA     Current - Output   100mA     Current - Quiescent (Iq)   -     Current - Supply (Max)   120μA ~ 12mA     PSRR   -     Portection Features   Over Current, Over Temperature     Portection Features   -40°C ~ 125°C     Mounting Type   Through Hole     Package / Case   To-226-3, TO-92-3 (TO-226AA) (Formed Leads)	Output Type	Fixed
Voltage - Output (Min/Fixed)   3V     Voltage - Output (Max)   -     Voltage Dropout (Max)   0.45V @ 100mA     Current - Output   100mA     Current - Quiescent (Iq)   -     Current - Supply (Max)   120µA ~ 12mA     PSRR   -     Control Features   -     Protection Features   Over Current, Over Temperature     Operating Temperature   -40°C ~ 125°C     Mounting Type   Through Hole     Package / Case   TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	Number of Regulators	1
Voltage - Output (Max) -   Voltage Dropout (Max) 0.45V @ 100mA   Current - Output 100mA   Current - Quiescent (Iq) -   Current - Supply (Max) 120µA ~ 12mA   PSRR -   Control Features -   Protection Features -   Operating Temperature -   Mounting Type -   Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	Voltage - Input (Max)	30V
Voltage Dropout (Max)0.45V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)120μA ~ 12mAPSRR-Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	Voltage - Output (Min/Fixed)	3V
Current - Output   100mA     Current - Quiescent (Iq)   -     Current - Supply (Max)   120μA ~ 12mA     PSRR   -     Control Features   -     Protection Features   Over Current, Over Temperature     Operating Temperature   -40°C ~ 125°C     Mounting Type   Through Hole     Package / Case   TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)120μA ~ 12mAPSRR-Control Features-Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	Voltage Dropout (Max)	0.45V @ 100mA
Current - Supply (Max)120μA ~ 12mAPSRR-Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	Current - Output	100mA
PSRR-Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	Current - Quiescent (Iq)	-
Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	Current - Supply (Max)	120µA ~ 12mA
Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	PSRR	-
Operating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	Control Features	-
Mounting TypeThrough HolePackage / CaseTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	Protection Features	Over Current, Over Temperature
Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	Operating Temperature	-40°C ~ 125°C
-	Mounting Type	Through Hole
Supplier Device Package TO-92-3	Package / Case	TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)
	Supplier Device Package	TO-92-3
Report errors?		Report errors?

#### LP2950CZ-3.0RA 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.

#### LP2950CZ-3.0RA Payment Methods



#### LP2950CZ-3.0RA Shipping Methods



If you have any question about LP2950CZ-3.0RA, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com