



### MIC49150-1.2BR Information



For Reference Only

Part Number MIC49150-1.2BR

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR 1.2V 1.5A S-PAK-5

Package SPak-5 (5 leads + Tab)

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.









## MIC49150-1.2BR Specifications

Manufacturer Part Number         MiC49150-1.2BR           Manufacturer         Microchip Technology           Category         Integrated Circuits (ICs)           Package         SPak-5 (5 leads + Tab)           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         6.5V           Voltage - Output (Min/Fixed)         1.2V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.5V @ 1.5A           Current - Output         1.5A           Current - Quiescent (Iq)         -           Current - Supply (Max)         30mA           PSRR         -           Control Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         SPak-5 (5 leads + Tab)           Supplier Device Package         S-PAK-5	•	
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         SPak-5 (5 leads + Tab)           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         6.5V           Voltage - Output (Min/Fixed)         1.2V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.5V @ 1.5A           Current - Output         1.5A           Current - Quiescent (Iq)         -           Current - Supply (Max)         30mA           PSRR         -           Control Features         Enable           Protection Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         SPak-5 (5 leads + Tab)           Supplier Device Package         S-PAK-5	Manufacturer Part Number	MIC49150-1.2BR
Package         SPak-5 (5 leads + Tab)           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         6.5V           Voltage - Output (Min/Fixed)         1.2V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.5V @ 1.5A           Current - Output         1.5A           Current - Quiescent (Iq)         -           Current - Supply (Max)         30mA           PSRR         -           Control Features         Enable           Protection Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         SPak-5 (5 leads + Tab)           Supplier Device Package         S-PAK-5	Manufacturer	Microchip Technology
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Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         6.5V           Voltage - Output (Min/Fixed)         1.2V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.5V @ 1.5A           Current - Output         1.5A           Current - Quiescent (Iq)         -           Current - Supply (Max)         30mA           PSRR         -           Control Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         SPak-5 (5 leads + Tab)           Supplier Device Package         S-PAK-5		PMIC - Voltage Regulators - Linear
Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         6.5V           Voltage - Output (Min/Fixed)         1.2V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.5V @ 1.5A           Current - Output         1.5A           Current - Quiescent (Iq)         -           Current - Supply (Max)         30mA           PSRR         -           Control Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         SPak-5 (5 leads + Tab)           Supplier Device Package         S-PAK-5	Package	SPak-5 (5 leads + Tab)
Output TypeFixedNumber of Regulators1Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 1.5ACurrent - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)30mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSPak-5 (5 leads + Tab)Supplier Device PackageS-PAK-5	Series	-
Number of Regulators  Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  Voltage Dropout (Max)  Current - Output  1.5A  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  - Control Features  Control Features  Protection Features  Operating Temperature  Operating Temperature  Aunor Caree Andre	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  1.2V  Voltage - Output (Max)  - Voltage Dropout (Max)  0.5V @ 1.5A  Current - Output  1.5A  Current - Quiescent (Iq)  - Current - Supply (Max)  9SRR  - Control Features  Frotection Features  Operating Temperature  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Supplier Device Package  S-PAK-5	Output Type	Fixed
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  - Voltage Dropout (Max)  0.5V @ 1.5A  Current - Output  1.5A  Current - Quiescent (Iq)  - Current - Supply (Max)  30mA  PSRR  - Control Features  Enable  Protection Features  Over Current, Over Temperature  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  SPak-5 (5 leads + Tab)  Supplier Device Package	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  1.5A  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  - Control Features  Enable  Protection Features  Operating Temperature  Operating Type  Mounting Type  Surface Mount  Package / Case  S-PAK-5	Voltage - Input (Max)	6.5V
Voltage Dropout (Max)  Current - Output  1.5A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Enable  Protection Features  Operating Temperature  Operating Type  Mounting Type  Surface Mount  Package / Case  S-PAK-5	Voltage - Output (Min/Fixed)	1.2V
Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  - Control Features  Protection Features  Operating Temperature  Mounting Type  Surface Mount  Package / Case  Spak-5 (5 leads + Tab)  Supplier Device Package	Voltage - Output (Max)	-
Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  - Control Features  Enable  Protection Features  Operating Temperature  Operating Type  Mounting Type  Surface Mount  Package / Case  SPak-5 (5 leads + Tab)  Supplier Device Package	Voltage Dropout (Max)	0.5V @ 1.5A
Current - Supply (Max)  PSRR  - Control Features  Enable  Protection Features  Over Current, Over Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  SPak-5 (5 leads + Tab)  Supplier Device Package	Current - Output	1.5A
PSRR  Control Features  Enable  Protection Features  Over Current, Over Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  SPak-5 (5 leads + Tab)  Supplier Device Package	Current - Quiescent (Iq)	-
Control Features  Protection Features  Over Current, Over Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  SPak-5 (5 leads + Tab)  Supplier Device Package	Current - Supply (Max)	30mA
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SPak-5 (5 leads + Tab) Supplier Device Package S-PAK-5	PSRR	-
Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  SPak-5 (5 leads + Tab)  Supplier Device Package  S-PAK-5	Control Features	Enable
Mounting Type Surface Mount Package / Case SPak-5 (5 leads + Tab) Supplier Device Package S-PAK-5	Protection Features	Over Current, Over Temperature
Package / Case SPak-5 (5 leads + Tab) Supplier Device Package S-PAK-5	Operating Temperature	-40°C ~ 125°C
Supplier Device Package S-PAK-5	Mounting Type	Surface Mount
	Package / Case	SPak-5 (5 leads + Tab)
Report errors?	Supplier Device Package	S-PAK-5
		Report errors?

### MIC49150-1.2BR 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.

### MIC49150-1.2BR Payment Methods



















### MIC49150-1.2BR Shipping Methods













If you have any question about MIC49150-1.2BR, please do not hesitate to contact us!

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