



### **LX8117B-00CST Information**



For Reference Only

Part Number LX8117B-00CST

Manufacturer Microsemi Corporation
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LIN POS ADJ 1.2A SOT223

Package TO-261-4, TO-261AA

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.









# **LX8117B-00CST Specifications**

Manufacturer Part Number         LX8117B-00CST           Manufacturer         Microsemi Corporation           Category         Integrated Circuits (ICs)           Package         TO-261-4, TO-261AA           Series         -           Output Configuration         Positive           Output Type         Adjustable           Number of Regulators         1           Voltage - Input (Max)         15V           Voltage - Output (Min/Fixed)         1.25V           Voltage - Output (Max)         13.85 V           Voltage - Output (Max)         1.3V @ 1.2A           Current - Output         1.2A           Current - Quiescent (Iq)         -           Current - Supply (Max)         10mA           PSRR         75dB (120Hz)           Control Features         Over Current, Short Circuit           Operating Temperature         0°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         TO-261-4, TO-261AA           Supplier Device Package         SOT-223, Power	*	
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         TO-261-4, TO-261AA           Series         -           Output Configuration         Positive           Output Type         Adjustable           Number of Regulators         1           Voltage - Input (Max)         15V           Voltage - Output (Min/Fixed)         1.25V           Voltage - Output (Max)         13.85V           Voltage Dropout (Max)         1.3V @ 1.2A           Current - Output         1.2A           Current - Quiescent (Iq)         -           Current - Supply (Max)         10mA           PSRR         75dB (120Hz)           Control Features         -           Protection Features         Over Current, Short Circuit           Operating Temperature         0°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         TO-261-4, TO-261AA           Supplier Device Package         SOT-223, Power	Manufacturer Part Number	LX8117B-00CST
Package         TO-261-4, TO-261AA           Series         -           Output Configuration         Positive           Output Type         Adjustable           Number of Regulators         1           Voltage - Input (Max)         15V           Voltage - Output (Min/Fixed)         1.25V           Voltage - Output (Max)         13.85V           Voltage Dropout (Max)         1.3V @ 1.2A           Current - Output         1.2A           Current - Quiescent (Iq)         -           Current - Supply (Max)         10mA           PSRR         75dB (120Hz)           Control Features         Over Current, Short Circuit           Operating Temperature         0°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         TO-261-4, TO-261AA           Supplier Device Package         SOT-223, Power	Manufacturer	Microsemi Corporation
Package         TO-261-4, TO-261AA           Series         -           Output Configuration         Positive           Output Type         Adjustable           Number of Regulators         1           Voltage - Input (Max)         15V           Voltage - Output (Min/Fixed)         1.25V           Voltage - Output (Max)         13.85V           Voltage Dropout (Max)         1.3V @ 1.2A           Current - Output         1.2A           Current - Quiescent (Iq)         -           Current - Supply (Max)         10mA           PSRR         75dB (120Hz)           Control Features         Over Current, Short Circuit           Operating Temperature         0°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         TO-261-4, TO-261AA           Supplier Device Package         SOT-223, Power	Category	Integrated Circuits (ICs)
Series         -           Output Configuration         Positive           Output Type         Adjustable           Number of Regulators         1           Voltage - Input (Max)         15V           Voltage - Output (Min/Fixed)         1.25V           Voltage - Output (Max)         13.85V           Voltage Dropout (Max)         1.3V @ 1.2A           Current - Output         1.2A           Current - Quiescent (Iq)         -           Current - Supply (Max)         10mA           PSRR         75dB (120Hz)           Control Features         -           Protection Features         Over Current, Short Circuit           Operating Temperature         0°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         TO-261-4, TO-261AA           Supplier Device Package         SOT-223, Power		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)15VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)13.85VVoltage Dropout (Max)1.3V @ 1.2ACurrent - Output1.2ACurrent - Quiescent (Iq)-Current - Supply (Max)10mAPSRR75dB (120Hz)Control Features-Protection FeaturesOver Current, Short CircuitOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223, Power	Package	TO-261-4, TO-261AA
Output TypeAdjustableNumber of Regulators1Voltage - Input (Max)15VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)13.85VVoltage Dropout (Max)1.3V @ 1.2ACurrent - Output1.2ACurrent - Quiescent (Iq)-Current - Supply (Max)10mAPSRR75dB (120Hz)Control Features-Protection FeaturesOver Current, Short CircuitOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223, Power	Series	-
Number of Regulators       1         Voltage - Input (Max)       15V         Voltage - Output (Min/Fixed)       1.25V         Voltage - Output (Max)       13.85V         Voltage Dropout (Max)       1.3V @ 1.2A         Current - Output       1.2A         Current - Quiescent (Iq)       -         Current - Supply (Max)       10mA         PSRR       75dB (120Hz)         Control Features       -         Protection Features       Over Current, Short Circuit         Operating Temperature       0°C ~ 125°C         Mounting Type       Surface Mount         Package / Case       TO-261-4, TO-261AA         Supplier Device Package       SOT-223, Power	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  1.25V  Voltage - Output (Max)  13.85V  Voltage Dropout (Max)  1.3V @ 1.2A  Current - Output  1.2A  Current - Quiescent (Iq)  - Current - Supply (Max)  10mA  PSRR  75dB (120Hz)  Control Features  - Protection Features  Over Current, Short Circuit  Operating Temperature  0°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  TO-261-4, TO-261AA  Supplier Device Package	Output Type	Adjustable
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  13.85V  Voltage Dropout (Max)  1.3V @ 1.2A  Current - Output  1.2A  Current - Quiescent (Iq)  Current - Supply (Max)  10mA  PSRR  75dB (120Hz)  Control Features  - Protection Features  Over Current, Short Circuit  Operating Temperature  0°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  TO-261-4, TO-261AA  Supplier Device Package	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  1.3V @ 1.2A  Current - Output  1.2A  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  75dB (120Hz)  Control Features  - Protection Features  Over Current, Short Circuit  Operating Temperature  0°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  TO-261-4, TO-261AA  Supplier Device Package	Voltage - Input (Max)	15V
Voltage Dropout (Max)  Current - Output  1.2A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  75dB (120Hz)  Control Features  - Protection Features  Over Current, Short Circuit  Operating Temperature  O°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  TO-261-4, TO-261AA  Supplier Device Package	Voltage - Output (Min/Fixed)	1.25V
Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  75dB (120Hz)  Control Features  - Protection Features  Over Current, Short Circuit  Operating Temperature  0°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  TO-261-4, TO-261AA  Supplier Device Package	Voltage - Output (Max)	13.85V
Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  75dB (120Hz)  Control Features  - Protection Features  Over Current, Short Circuit  Operating Temperature  0°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  TO-261-4, TO-261AA  Supplier Device Package	Voltage Dropout (Max)	1.3V @ 1.2A
Current - Supply (Max)  PSRR  75dB (120Hz)  Control Features  - Protection Features  Over Current, Short Circuit  Operating Temperature  0°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  TO-261-4, TO-261AA  Supplier Device Package	Current - Output	1.2A
PSRR 75dB (120Hz)  Control Features -  Protection Features Over Current, Short Circuit  Operating Temperature 0°C ~ 125°C  Mounting Type Surface Mount  Package / Case TO-261-4, TO-261AA  Supplier Device Package SOT-223, Power	Current - Quiescent (Iq)	-
Control Features - Protection Features Over Current, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223, Power	Current - Supply (Max)	10mA
Protection Features Over Current, Short Circuit Operating Temperature 0°C ~ 125°C  Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223, Power	PSRR	75dB (120Hz)
Operating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223, Power	Control Features	-
Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223, Power	Protection Features	Over Current, Short Circuit
Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223, Power	Operating Temperature	0°C ~ 125°C
Supplier Device Package SOT-223, Power	Mounting Type	Surface Mount
	Package / Case	TO-261-4, TO-261AA
Report errors?	Supplier Device Package	SOT-223, Power
		Report errors?

### **LX8117B-00CST 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.

# **LX8117B-00CST Payment Methods**



















### **LX8117B-00CST Shipping Methods**













If you have any question about LX8117B-00CST, please do not hesitate to contact us!

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