



## **SG117L-DESC Information**

Heisener.com

Part Number SG117L-DESC

Manufacturer Microsemi Corporation

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LIN POS ADJ 500MA 20LCC

Package 20-CLCC

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



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## **Certified Quality**

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## **SG117L-DESC Specifications**

Manufacturer Part NumberSG117L-DESCManufacturerMicrosemi CorporationCategoryIntegrated Circuits (ICs)Package20-CLCCSeriesMilitary, MIL-STD-883Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)37VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)37VVoltage - Output (Max)37VVoltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR65dB ~ 80dB (120Hz)Control Features-Protection FeaturesOver Current		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear  Package 20-CLCC Series Military, MIL-STD-883  Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 37V  Voltage - Output (Min/Fixed) 1.25V  Voltage - Output (Max) 37V  Voltage Dropout (Max) 37V  Voltage Dropout (Max) - Current - Output S00mA  Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 65dB ~ 80dB (120Hz)  Control Features -	Manufacturer Part Number	SG117L-DESC
PackagePMIC - Voltage Regulators - LinearPackage20-CLCCSeriesMilitary, MIL-STD-883Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)37VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)37VVoltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR65dB ~ 80dB (120Hz)Control Features-	Manufacturer	Microsemi Corporation
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Output Type Adjustable  Number of Regulators 1 Voltage - Input (Max) 37V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 37V Voltage - Output (Max)  Voltage Dropout (Max) - Current - Output 500mA  Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 65dB ~ 80dB (120Hz)  Control Features - Adjustable  Adjustable  Adjustable  Adjustable  1  Adjustable  Adjustable  1  Adjustable 1  Adjustable  1  Adjustable 1  Adjustable  1  Adjustable 1  Adjustable 1  Adjustable 1  Adjustable 1  Adjustable 1  Adjustable 1  Adjustable 1  Adjustab	Series	Military, MIL-STD-883
Number of Regulators1Voltage - Input (Max)37VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)37VVoltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR65dB ~ 80dB (120Hz)Control Features-	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  1.25V  Voltage - Output (Max)  37V  Voltage Dropout (Max)  - Current - Output  500mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  65dB ~ 80dB (120Hz)  Control Features  -	Output Type	Adjustable
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  - Current - Output  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  65dB ~ 80dB (120Hz)  Control Features	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  - Current - Output  500mA  Current - Quiescent (Iq)  - Current - Supply (Max)  - PSRR  65dB ~ 80dB (120Hz)  Control Features  -	Voltage - Input (Max)	37V
Voltage Dropout (Max)  Current - Output  500mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  65dB ~ 80dB (120Hz)  Control Features  -	Voltage - Output (Min/Fixed)	1.25V
Current - Output 500mA  Current - Quiescent (Iq) -  Current - Supply (Max) -  PSRR 65dB ~ 80dB (120Hz)  Control Features -	Voltage - Output (Max)	37V
Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 65dB ~ 80dB (120Hz) Control Features -	Voltage Dropout (Max)	-
Current - Supply (Max)  PSRR 65dB ~ 80dB (120Hz)  Control Features -	Current - Output	500mA
PSRR 65dB ~ 80dB (120Hz) Control Features -	Current - Quiescent (Iq)	-
Control Features -	Current - Supply (Max)	-
	PSRR	65dB ~ 80dB (120Hz)
Protection Features Over Current	Control Features	-
	Protection Features	Over Current
Operating Temperature $-55^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Operating Temperature	-55°C ~ 125°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 20-CLCC	Package / Case	20-CLCC
Supplier Device Package 20-LCC	Supplier Device Package	20-LCC
Report errors?		Report errors?

#### **SG117L-DESC 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.

# **SG117L-DESC Payment Methods**





















### **SG117L-DESC Shipping Methods**













If you have any question about SG117L-DESC, please do not hesitate to contact us!

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