



TLV1117IKCS Information



For Reference Only

Part Number TLV1117IKCS

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LIN POS ADJ 800MA TO220-3

Package TO-220-3

For the pricing/inventory/lead time, please contact

us

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



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TLV1117IKCS Specifications

Manufacturer Part Number TLV1171KCS Manufacturer Texas Instruments Category Integrated Circuits (ICs) Package TO-220-3 Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 15V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 13.7V Voltage Dropout (Max) 1.3V @ 800mA Current - Output 800mA Current - Supply (Max) 15mA PSRR 75dB (120Hz) Control Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3 Report errors?	•	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-220-3 Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 15V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 13.7V Voltage Dropout (Max) 1.3V @ 800mA Current - Output 800mA Current - Quiescent (Iq) - Current - Supply (Max) 15mA PSRR 75dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Manufacturer Part Number	TLV1117IKCS
Package TO-220-3 Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 15V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 13.7V Voltage Dropout (Max) 1.3V @ 800mA Current - Output 800mA Current - Quiescent (Iq) - Current - Supply (Max) 15mA PSRR 75dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Manufacturer	Texas Instruments
Package TO-220-3 Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 15V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 13.7V Voltage Dropout (Max) 1.3V @ 800mA Current - Output 800mA Current - Quiescent (Iq) - Current - Supply (Max) 15mA PSRR 75dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Category	Integrated Circuits (ICs)
Series - Coutput Configuration Positive Adjustable Number of Regulators 1 1 Voltage - Input (Max) 15V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 13.7V Voltage - Output (Max) 1.3V @ 800mA Current - Output (Max) 800mA Current - Quiescent (Iq) - Current - Supply (Max) 15mA PSRR 75dB (120Hz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case Supplier Device Package TO-220-3 Supplier Device Package		PMIC - Voltage Regulators - Linear
Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 15V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 13.7V Voltage Dropout (Max) 1.3V @ 800mA Current - Output 800mA Current - Quiescent (Iq) - Current - Supply (Max) 15mA PSRR 75dB (120Hz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Package	TO-220-3
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Number of Regulators1Voltage - Input (Max)15VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)13.7VVoltage Dropout (Max)1.3V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)-Current - Supply (Max)15mAPSRR75dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 13.7V Voltage Dropout (Max) 1.3V @ 800mA Current - Output 800mA Current - Quiescent (Iq) - Current - Supply (Max) 15mA PSRR 75dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Through Hole Package / Case Supplier Device Package TO-220-3	Output Type	Adjustable
Voltage - Output (Min/Fixed) Voltage - Output (Max) 13.7V Voltage Dropout (Max) 1.3V @ 800mA Current - Output 800mA Current - Quiescent (Iq) - Current - Supply (Max) 15mA PSRR 75dB (120Hz) Control Features - Verrent - Over Current, Over Temperature Operating Temperature Mounting Type Through Hole Package / Case Supplier Device Package 13.7V 13.7V 13.7V 14.3V 800mA 15mA 15mA 75dB (120Hz) Through Hole To-220-3	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 1.3V @ 800mA Current - Output 800mA Current - Quiescent (Iq) - Current - Supply (Max) 15mA PSRR 75dB (120Hz) Control Features - Protection Features Operating Temperature Operating Type Mounting Type Through Hole Package / Case Supplier Device Package 1.3V 800mA 1.3V 800mA 1.3V 800mA - Current - Output 600mA 1.5mA 75dB (120Hz) 75dB (Voltage - Input (Max)	15V
Voltage Dropout (Max) Current - Output 800mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (120Hz) Control Features Protection Features Operating Temperature Operating Type Mounting Type Through Hole Package / Case Supplier Device Package 1.3V @ 800mA	Voltage - Output (Min/Fixed)	1.25V
Current - Output 800mA Current - Quiescent (Iq) - Current - Supply (Max) 15mA PSRR 75dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package	Voltage - Output (Max)	13.7V
Current - Quiescent (Iq) Current - Supply (Max) PSRR 75dB (120Hz) Control Features - Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package	Voltage Dropout (Max)	1.3V @ 800mA
Current - Supply (Max) PSRR 75dB (120Hz) Control Features - Protection Features Operating Temperature Operating Type Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package	Current - Output	800mA
PSRR 75dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Current - Quiescent (Iq)	-
Control Features - Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package	Current - Supply (Max)	15mA
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	PSRR	75dB (120Hz)
Operating Temperature -40°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Control Features	-
Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Protection Features	Over Current, Over Temperature
Package / Case TO-220-3 Supplier Device Package TO-220-3	Operating Temperature	-40°C ~ 125°C
Supplier Device Package TO-220-3	Mounting Type	Through Hole
	Package / Case	TO-220-3
Report errors?	Supplier Device Package	TO-220-3
		Report errors?

TLV1117IKCS 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.

TLV1117IKCS Payment Methods





















TLV1117IKCS Shipping Methods













If you have any question about TLV1117IKCS, please do not hesitate to contact us!

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