

TL780-15CKC Information



For Reference Only

Part Number TL780-15CKC

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 15V 1.5A 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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TL780-15CKC Specifications

Manufacturer Part Number TL780-15CKC Manufacturer Texas Instruments Category Integrated Circuits (ICs) Package TO-220-3 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 30V Voltage - Output (Min/Fixed) 15V Voltage - Output (Max) - Voltage - Output (Max) 2V @ 1A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 85dB (120Hz) Control Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	-		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-220-3 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 30V Voltage - Output (Min/Fixed) 15V Voltage - Output (Max) - Voltage Dropout (Max) 2V @ 1A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 85dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Manufacturer Part Number	TL780-15CKC	
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Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 30V Voltage - Output (Min/Fixed) 15V Voltage - Output (Max) - Voltage - Output (Max) 2V @ 1A Current - Output 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 85dB (120Hz) Control Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case Supplier Device Package TO-220-3 Supplier Device Package Fixed 1.		PMIC - Voltage Regulators - Linear	
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)30VVoltage - Output (Min/Fixed)15VVoltage - Output (Max)-Voltage Dropout (Max)2V @ 1ACurrent - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR85dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature0°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3	Package	TO-220-3	
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Number of Regulators1Voltage - Input (Max)30VVoltage - Output (Min/Fixed)15VVoltage - Output (Max)-Voltage Dropout (Max)2V @ 1ACurrent - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR85dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature0°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3	Output Configuration	Positive	
Voltage - Input (Max) Voltage - Output (Min/Fixed) 15V Voltage - Output (Max) - Voltage Dropout (Max) 2V @ 1A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 85dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Output Type	Fixed	
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) 2V @ 1A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 85dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Number of Regulators	1	
Voltage - Output (Max) Voltage Dropout (Max) 2V @ 1A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 85dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Voltage - Input (Max)	30V	
Voltage Dropout (Max) Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 85dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Voltage - Output (Min/Fixed)	15V	
Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 85dB (120Hz) Control Features Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Voltage - Output (Max)	-	
Current - Quiescent (Iq) Current - Supply (Max) PSRR 85dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Voltage Dropout (Max)	2V @ 1A	
Current - Supply (Max) PSRR 85dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Current - Output	1.5A	
PSRR 85dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Current - Quiescent (Iq)	-	
Control Features - Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Current - Supply (Max)	-	
Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	PSRR	85dB (120Hz)	
Operating Temperature 0°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, Reverse Polarity, Short Circuit	
Package / Case TO-220-3 Supplier Device Package TO-220-3	Operating Temperature	0°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?

TL780-15CKC 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.

TL780-15CKC Payment Methods



















TL780-15CKC Shipping Methods













If you have any question about TL780-15CKC, please do not hesitate to contact us!

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