



LM78T12CT Information

Part Number LM78T12CT

Manufacturer Fairchild/ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 12V 3A 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



Request a Quote

Certified Quality

For Reference Only

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.









LM78T12CT Specifications

Manufacturer Part Number LM78T12CT Manufacturer Fairchild/ON Semiconductor Category Integrated Circuits (ICs) Package TO-220-3 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 35V Voltage - Output (Min/Fixed) 12V Voltage - Output (Max) - Voltage Dropout (Max) 2.5V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 6mA PSRR 67dB (120Hz) Control Features Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package 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) 35V Voltage - Output (Min/Fixed) 12V Voltage - Output (Max) - Voltage Dropout (Max) 2.5V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 6mA PSRR 67dB (120Hz) Control Features - Protection Features Over Temperature, 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	LM78T12CT
Package TO-220-3 Series - Coutput Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 35V Voltage - Output (Min/Fixed) 12V Voltage - Output (Max) - Coutput (Max) 2.5V @ 3A Current - Output (Max) 3A Current - Quiescent (Iq) - Current - Supply (Max) 6mA PSRR 67dB (120Hz) Control Features Over Temperature, Short Circuit Operating Temperature Operating Type Through Hole Package / Case Supplier Device Package TO-220-3 Supplier Device Package	Manufacturer	Fairchild/ON Semiconductor
Package TO-220-3 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 35V Voltage - Output (Min/Fixed) 12V Voltage - Output (Max) - Voltage Dropout (Max) 2.5V @ 3A Current - Output - Output (Max) 6mA Current - Supply (Max) 6mA PSRR 67dB (120Hz) Control Features Over Temperature, Short Circuit Operating Temperature O°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package	Category	Integrated Circuits (ICs)
Series - Coutput Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 35V Voltage - Output (Min/Fixed) 12V Voltage - Output (Max) - Voltage - Output (Max) 2.5V @ 3A Current - Output (Max) 2.5V @ 3A Current - Output (Max) 6mA Current - Supply (Max) 6mA PSRR 67dB (120Hz) Control Features - Voer Temperature, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)35VVoltage - Output (Min/Fixed)12VVoltage - Output (Max)-Voltage Dropout (Max)2.5V @ 3ACurrent - Output3ACurrent - Quiescent (Iq)-Current - Supply (Max)6mAPSRR67dB (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature0°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3	Package	TO-220-3
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 35V Voltage - Output (Min/Fixed) 12V Voltage - Output (Max) - Voltage Dropout (Max) 2.5V @ 3A Current - Output	Series	-
Number of Regulators 1 Voltage - Input (Max) 35V Voltage - Output (Min/Fixed) 12V Voltage - Output (Max) - Voltage Dropout (Max) 2.5V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 6mA PSRR 67dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 12V Voltage - Output (Max) - Voltage Dropout (Max) 2.5V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 67dB (120Hz) Control Features Protection Features Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) 2.5V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 6mA PSRR 67dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature Mounting Type Through Hole Package / Case Supplier Device Package TO-220-3	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 2.5V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 6mA PSRR 67dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature Mounting Type Through Hole Package / Case Supplier Device Package TO-220-3	Voltage - Input (Max)	35V
Voltage Dropout (Max) Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 67dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature Mounting Type Through Hole Package / Case Supplier Device Package TO-220-3	Voltage - Output (Min/Fixed)	12V
Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 67dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) 6mA PSRR 67dB (120Hz) Control Features - Protection Features Over Temperature, 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)	2.5V @ 3A
Current - Supply (Max) 6mA PSRR 67dB (120Hz) Control Features - Protection Features Over Temperature, 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	3A
PSRR 67dB (120Hz) Control Features - Protection Features Over Temperature, 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 - Over Temperature, 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)	6mA
Protection Features Over Temperature, Short Circuit Operating Temperature $0^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	PSRR	67dB (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 Temperature, 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

LM78T12CT 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.

LM78T12CT Payment Methods





















LM78T12CT Shipping Methods













If you have any question about LM78T12CT, please do not hesitate to contact us!

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