



LM78M18CT Information

Part Number LM78M18CT

Manufacturer Fairchild/ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 18V 500MA 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.









LM78M18CT Specifications

Manufacturer Part Number LM78M18CT 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) 18V Voltage - Output (Max) - Voltage Dropout (Max) 2V @ 500mA (Typ) Current - Output 500mA Current - Supply (Max) 6mA PSRR 70dB (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 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) 18V Voltage - Output (Max) - Voltage Dropout (Max) 2V @ 500mA (Typ) Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 6mA PSRR 70dB (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	LM78M18CT
Package TO-220-3 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 35V Voltage - Output (Min/Fixed) 18V Voltage - Output (Max) - Voltage Dropout (Max) 2V @ 500mA (Typ) Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 6mA PSRR 70dB (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	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) 18V Voltage - Output (Max) - Voltage Dropout (Max) 2V @ 500mA (Typ) Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 6mA PSRR 70dB (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	Category	Integrated Circuits (ICs)
Series - Coutput Configuration Positive Fixed Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 35V Voltage - Output (Min/Fixed) 18V Voltage - Output (Max) - Coutput (Max) 2V @ 500mA (Typ) Current - Output (Max) 500mA Current - Quiescent (Iq) - Current - Supply (Max) 6mA PSRR 70dB (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		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)35VVoltage - Output (Min/Fixed)18VVoltage - Output (Max)-Voltage Dropout (Max)2V @ 500mA (Typ)Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)6mAPSRR70dB (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) 18V Voltage - Output (Max) - Voltage Dropout (Max) 2V @ 500mA (Typ) Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 6mA PSRR 70dB (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	Series	-
Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) Voltage Dropout (Max) Current - Output SomA Current - Quiescent (Iq) Current - Supply (Max) PSRR 70dB (120Hz) Control Features Protection Features Over Temperature, Short Circuit Operating Temperature Mounting Type Through Hole Package / Case Supplier Device Package 18V 35V 36V 36V 36V 36V 36V 36V 36	Output Configuration	Positive
Voltage - Input (Max)35VVoltage - Output (Min/Fixed)18VVoltage - Output (Max)-Voltage Dropout (Max)2V @ 500mA (Typ)Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)6mAPSRR70dB (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature0°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 6mA PSRR 70dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature Mounting Type Through Hole Package / Case Supplier Device Package 18V Over Supply (Max) - Control Features Over Temperature, Short Circuit TO-220-3 TO-220-3	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 2V @ 500mA (Typ) Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 6mA PSRR 70dB (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 500mA Current - Quiescent (Iq) - Current - Supply (Max) 6mA PSRR 70dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case Supplier Device Package TO-220-3	Voltage - Output (Min/Fixed)	18V
Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 6mA PSRR 70dB (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 - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) 6mA 70dB (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	Voltage Dropout (Max)	2V @ 500mA (Typ)
Current - Supply (Max) PSRR 70dB (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	Current - Output	500mA
PSRR 70dB (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 FeaturesOver Temperature, Short CircuitOperating Temperature 0° C ~ 125° CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3	PSRR	70dB (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?

LM78M18CT 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.

LM78M18CT Payment Methods



















LM78M18CT Shipping Methods













If you have any question about LM78M18CT, please do not hesitate to contact us!

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