



MCP1810T-12I/TT Information

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Part Number MCP1810T-12I/TT

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 1.2V 150MA SOT23-3

Package TO-236-3, SC-59, SOT-23-3

For the pricing/inventory/lead time, please contact

us

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



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MCP1810T-12I/TT Specifications

Manufacturer Part Number MCP1810T-121/TT Manufacturer Microchip Technology Category Integrated Circuits (ICs) Package TO-236-3, SC-59, SOT-23-3 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage Dropout (Max) 0.38V @ 150mA Current - Output 150mA Current - Quiescent (Iq) 50nA Current - Supply (Max) 290µA PSR 40dB (100Hz) Control Features Over Current Operating Temperature -40°C ~ 85°C (TI) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3 Report errors?	*	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-236-3, SC-59, SOT-23-3 Scries - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage Dropout (Max) 0.38V @ 150mA Current - Output 150mA Current - Quiescent (Iq) 50nA Current - Supply (Max) 290µA PSRR 40dB (100Hz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C (TJ) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Manufacturer Part Number	MCP1810T-12I/TT
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Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage Dropout (Max) 0.38V @ 150mA Current - Output 150mA Current - Quiescent (Iq) 50nA Current - Supply (Max) 290μA PSRR 40dB (100Hz) Control Features Over Current Operating Temperature -40°C ~ 85°C (TJ) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3		PMIC - Voltage Regulators - Linear
Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5 V Voltage - Output (Min/Fixed) 1.2 V Voltage - Output (Max) - Voltage Dropout (Max) 0.38 V @ 150mA Current - Output 150mA Current - Quiescent (Iq) 50nA Current - Supply (Max) 290μA PSRR 40dB (100Hz) Control Features Over Current Operating Temperature -40°C ~ 85°C (TJ) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Package	TO-236-3, SC-59, SOT-23-3
Output TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.38V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)50nACurrent - Supply (Max)290μAPSRR40dB (100Hz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Series	-
Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.38V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)50nACurrent - Supply (Max)290μAPSRR40dB (100Hz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Output Configuration	Positive
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Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) 50nA Current - Supply (Max) 290µA PSRR 40dB (100Hz) Control Features Protection Features Over Current Operating Temperature 40°C ~ 85°C (TJ) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) 50nA Current - Supply (Max) 290μA PSRR 40dB (100Hz) Control Features Enable Protection Features Operating Temperature Operating Type Surface Mount Package / Case SOT-23-3 Supplier Device Package	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) 50nA Current - Supply (Max) PSRR 40dB (100Hz) Control Features Enable Protection Features Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package 0.38V @ 150mA 0.38V @ 150mA 150mA 290μA 290μA 40dB (100Hz) Control Features Enable Over Current -40°C ~ 85°C (TJ) Surface Mount TO-236-3, SC-59, SOT-23-3	Voltage - Output (Min/Fixed)	1.2V
Current - Output150mACurrent - Quiescent (Iq)50nACurrent - Supply (Max)290μAPSRR40dB (100Hz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Voltage - Output (Max)	-
Current - Quiescent (Iq)50nACurrent - Supply (Max)290μAPSRR40dB (100Hz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Voltage Dropout (Max)	0.38V @ 150mA
Current - Supply (Max)290μAPSRR40dB (100Hz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Current - Output	150mA
PSRR 40dB (100Hz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C (TJ) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Current - Quiescent (Iq)	50nA
Control Features Protection Features Over Current -40°C ~ 85°C (TJ) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Current - Supply (Max)	290μΑ
Protection Features Over Current -40°C ~ 85°C (TJ) Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	PSRR	40dB (100Hz)
Operating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Control Features	Enable
Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Protection Features	Over Current
Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23-3	Operating Temperature	-40°C ~ 85°C (TJ)
Supplier Device Package SOT-23-3	Mounting Type	Surface Mount
	Package / Case	TO-236-3, SC-59, SOT-23-3
Report errors?	Supplier Device Package	SOT-23-3
		Report errors?

MCP1810T-12I/TT 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.

MCP1810T-12I/TT Payment Methods





















MCP1810T-12I/TT Shipping Methods













If you have any question about MCP1810T-12I/TT, please do not hesitate to contact us!

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