



MCP1703T-2502E/CB Information



For Reference Only

Part Number MCP1703T-2502E/CB
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LIN 2.5V 250MA SOT23A-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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MCP1703T-2502E/CB Specifications

Manufacturer Part Number MCP1703T-2502E/CB 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) 16V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 1.1V @ 250mA Current - Output 250mA Current - Supply (Max) 5µA PSRR 44dB (100Hz) Control Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C	.	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-236-3, SC-59, SOT-23-3 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 1.1V @ 250mA Current - Output 250mA Current - Quiescent (Iq) - Current - Supply (Max) 5μA PSRR 44dB (100Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit	Manufacturer Part Number	MCP1703T-2502E/CB
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Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)16VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)1.1V @ 250mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)5μAPSRR44dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short Circuit		PMIC - Voltage Regulators - Linear
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Output TypeFixedNumber of Regulators1Voltage - Input (Max)16VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)1.1V @ 250mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)5μAPSRR44dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short Circuit	Series	-
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Voltage - Input (Max)16VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)1.1V @ 250mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)5μAPSRR44dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short Circuit	Output Type	Fixed
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Voltage - Output (Max) - Voltage Dropout (Max) 1.1V @ 250mA Current - Output 250mA Current - Quiescent (Iq) - Current - Supply (Max) 5μA PSRR 44dB (100Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit	Voltage - Input (Max)	16V
Voltage Dropout (Max)1.1V @ 250mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)5μAPSRR44dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short Circuit	Voltage - Output (Min/Fixed)	2.5V
Current - Output Current - Quiescent (Iq) - Current - Supply (Max) PSRR 44dB (100Hz) Control Features - Over Current, Over Temperature, Short Circuit	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) 5µA PSRR 44dB (100Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit	Voltage Dropout (Max)	1.1V @ 250mA
Current - Supply (Max) 5μA PSRR 44dB (100Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit	Current - Output	250mA
PSRR 44dB (100Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit	Current - Quiescent (Iq)	-
Control Features - Protection Features Over Current, Over Temperature, Short Circuit	Current - Supply (Max)	5μΑ
Protection Features Over Current, Over Temperature, Short Circuit	PSRR	44dB (100Hz)
	Control Features	-
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Protection Features	Over Current, Over Temperature, Short Circuit
	Operating Temperature	-40°C ~ 125°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case TO-236-3, SC-59, SOT-23-3	Package / Case	TO-236-3, SC-59, SOT-23-3
Supplier Device Package SOT-23A-3	Supplier Device Package	SOT-23A-3
Report errors?		Report errors?

MCP1703T-2502E/CB 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.

MCP1703T-2502E/CB Payment Methods





















MCP1703T-2502E/CB Shipping Methods













If you have any question about MCP1703T-2502E/CB, please do not hesitate to contact us!

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