



MCP1710T-25I/LZ Information



For Reference Only

Part Number MCP1710T-25I/LZ

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 2.5V 200MA 8-VDFN

Package 8-VFDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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MCP1710T-25I/LZ Specifications

Manufacturer Part Number MCP1710T-251/LZ Manufacturer Microchip Technology Category Integrated Circuits (ICs) Package 8-VFDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.45V @ 200mA Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) 20nA PSRR 22dB (100Hz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-VDFN (2x2)	*	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 8-VFDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.45V @ 200mA Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) 20nA PSRR 22dB (100Hz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-VDFN (2x2)	Manufacturer Part Number	MCP1710T-25I/LZ
Package 8-VFDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) - Voltage Dropout (Max) - Voltage Dropout (Max) 2.5V Current - Output Output (Max) 2.5V Current - Output 2.00m Current - Output 2.00m Current - Output 2.00m Current - Supply (Max) 2.0m Current - Supply (M	Manufacturer	Microchip Technology
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Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.45V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)20nAPSRR22dB (100Hz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-VDFN (2x2)		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.45V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)20nAPSRR22dB (100Hz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-VDFN (2x2)	Package	8-VFDFN Exposed Pad
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Voltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.45V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)20nAPSRR22dB (100Hz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-VDFN (2x2)	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 22dB (100Hz) Control Features Enable Protection Features Over Current Operating Temperature Mounting Type Surface Mount Package / Case Supplier Device Package - Unation Supplier Device Package Supplier Device Package - Unation Supplier Suppli	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 22dB (100Hz) Control Features Enable Protection Features Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package 8-VDFN (2x2)	Voltage - Output (Min/Fixed)	2.5V
Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 20nA Control Features Enable Protection Features Over Current Operating Temperature Ao°C ~ 85°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) PSRR 22dB (100Hz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package	Voltage Dropout (Max)	0.45V @ 200mA
Current - Supply (Max) PSRR 22dB (100Hz) Control Features Enable Protection Features Over Current -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package	Current - Output	200mA
PSRR 22dB (100Hz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-VDFN (2x2)	Current - Quiescent (Iq)	-
Control Features Enable Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-VDFN (2x2)	Current - Supply (Max)	20nA
Protection Features Over Current -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-VDFN (2x2)	PSRR	22dB (100Hz)
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-VDFN (2x2)	Control Features	Enable
Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-VDFN (2x2)	Protection Features	Over Current
Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-VDFN (2x2)	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 8-VDFN (2x2)	Mounting Type	Surface Mount
	Package / Case	8-VFDFN Exposed Pad
	Supplier Device Package	8-VDFN (2x2)
Report errors?		Report errors?

MCP1710T-25I/LZ 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.

MCP1710T-25I/LZ Payment Methods





















MCP1710T-25I/LZ Shipping Methods













If you have any question about MCP1710T-25I/LZ, please do not hesitate to contact us!

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